

**Flood Control Project Maintenance
Levee Inspections**

Fall 2019 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR Erosion Survey

San Joaquin River Basin

NA0011	Overall LMA Rating	Total LMA Miles						
Madera County FCWCA	U	26.32						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	7.74	38.87	163.22	620.09%	0.01	0.07		
Trim / Thin Trees	0.30	0.09	0.66	2.51%				
Encroachments	0.25	0.70	3.05	11.59%	6.43	2.06		
Animal Control	20.29	5.23	41.21	156.56%				
Slope Stability	0.11	0.98	4.03	15.31%				
Erosion / Bank Caving	0.05	0.03	0.17	0.65%				
Crown Surface / Depressions / Rutting	17.00		17.00	64.59%				
Flood Preparedness & Training	0.26		0.26	0.99%				
<i>Rivers, Channels & Designated Floodways</i>								
Encroachments	0.01		0.01	0.04%				
<i>Supplemental</i>								
DWR Erosion Survey		0.08	0.32	1.22%				
DRAFT DWR UCIP Field Study					0.20	0.03		
LMA Totals:	46.01	45.98	229.93	873.53%	6.64	2.16	0.00	0.00

Unit No. 01 Ash Slough RB	Overall Unit Rating	Total Unit Miles						
NA0011	U	2.37						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.47	3.12	12.95	547.52%				
Trim / Thin Trees	0.01		0.01	0.42%				
Encroachments	0.07	0.02	0.15	6.34%	0.02	0.09		
Animal Control	2.25		2.25	95.13%				
Slope Stability		0.01	0.04	1.69%				
Erosion / Bank Caving	0.01		0.01	0.42%				
Crown Surface / Depressions / Rutting	2.25		2.25	95.13%				
<i>Supplemental</i>								
DRAFT DWR UCIP Field Study					0.04	0.01		
Unit Totals:	5.06	3.15	17.66	746.65%	0.06	0.10	0.00	0.00

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Overall LMA & Unit Ratings, including DWR Erosion Survey

San Joaquin River Basin (cont.)

Unit No. 02 Ash Slough LB		Overall Unit Rating	Total Unit Miles						
NA0011		U	2.04						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Earthen Levee</i>									
Vegetation	0.46	2.81	11.70	574.80%		0.07			
Trim / Thin Trees	0.16		0.16	7.86%					
Encroachments	0.02	0.63	2.54	124.79%	0.11	0.20			
Animal Control	1.63	1.67	8.31	408.26%					
Slope Stability	0.01		0.01	0.49%					
Crown Surface / Depressions / Rutting	1.96		1.96	96.29%					
<i>Supplemental</i>									
DWR Erosion Survey		0.08	0.32	15.72%					
DRAFT DWR UCIP Field Study					0.06				
<i>Unit Totals:</i>	4.24	5.19	25.00	1228.21%	0.17	0.27	0.00	0.00	

Unit No. 03 Berenda Slough RB		Overall Unit Rating	Total Unit Miles						
NA0011		U	1.51						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Earthen Levee</i>									
Vegetation		4.41	17.64	1165.81%					
Trim / Thin Trees	0.07	0.07	0.35	23.13%					
Encroachments	0.01	0.02	0.09	5.95%					
Animal Control	1.60	1.12	6.08	401.82%					
Slope Stability	0.01		0.01	0.66%					
Crown Surface / Depressions / Rutting	1.43		1.43	94.51%					
<i>Supplemental</i>									
DRAFT DWR UCIP Field Study					0.02				
<i>Unit Totals:</i>	3.12	5.62	25.60	1691.88%	0.02	0.00	0.00	0.00	

Unit No. 04 Berenda Slough LB		Overall Unit Rating	Total Unit Miles						
NA0011		U	2.28						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Earthen Levee</i>									
Vegetation	0.56	4.53	18.68	819.39%					
Trim / Thin Trees	0.06	0.01	0.10	4.39%					
Encroachments	0.09	0.02	0.17	7.46%	0.79				
Animal Control	0.05	2.38	9.57	419.78%					
Slope Stability		0.95	3.80	166.69%					
Erosion / Bank Caving		0.01	0.04	1.75%					
Crown Surface / Depressions / Rutting	1.08		1.08	47.37%					
<i>Supplemental</i>									
DRAFT DWR UCIP Field Study						0.01			
<i>Unit Totals:</i>	1.84	7.90	33.44	1466.83%	0.79	0.01	0.00	0.00	

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Overall LMA & Unit Ratings, including DWR Erosion Survey

San Joaquin River Basin (cont.)

Unit No. 05 Fresno River RB		Overall Unit Rating	Total Unit Miles						
NA0011		U	9.10						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee									
Vegetation	1.27	13.98	57.19	628.44%	0.01				
Trim / Thin Trees		0.01	0.04	0.44%					
Encroachments					4.05	0.05			
Animal Control	6.75	0.04	6.91	75.93%					
Slope Stability	0.01		0.01	0.11%					
Erosion / Bank Caving	0.03		0.03	0.33%					
Crown Surface / Depressions / Rutting	4.99		4.99	54.83%					
Rivers, Channels & Designated Floodways									
Encroachments	0.01		0.01	0.11%					
Supplemental									
DRAFT DWR UCIP Field Study					0.03				
Unit Totals:	13.06	14.03	69.18	760.19%	4.09	0.05	0.00	0.00	

Unit No. 06 Fresno River LB		Overall Unit Rating	Total Unit Miles						
NA0011		U	9.03						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee									
Vegetation	4.98	10.02	45.06	499.11%					
Encroachments	0.06	0.01	0.10	1.11%	1.46	1.72			
Animal Control	8.01	0.02	8.09	89.61%					
Slope Stability	0.08	0.02	0.16	1.77%					
Erosion / Bank Caving	0.01	0.02	0.09	1.00%					
Crown Surface / Depressions / Rutting	5.29		5.29	58.60%					
Supplemental									
DRAFT DWR UCIP Field Study					0.05	0.01			
Unit Totals:	18.43	10.09	58.79	651.19%	1.51	1.73	0.00	0.00	

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2019 Levee Inspection Results

Madera County FCWCA

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)			U	

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2019 Levee Inspection Results

Madera County FCWCA

Waterway			Bank	Unit Miles
Unit No. 01 Ash Slough			Right	2.37
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	5/9/2019 - 5/9/2019		10/2/2019 - 10/2/2019	
DWR Inspector	Corey Fujitani		Corey Fujitani	
Accompanied By	Dario Dominguez Madera County			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start		Rating **	A	Issue No.	41
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_NA0011_01_s_2012_41				
Comment Code					
Inspector Comment					
Madera County has a copy of the O&M Manual on hand.					

No Photos

LM Start		Rating **	A	Issue No.	43
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_NA0011_01_s_2012_43				
Comment Code					
Inspector Comment					
Madera County has emergency supplies.					

No Photos

LM Start		Rating **	M	Issue No.	44
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_NA0011_01_s_2012_44				
Comment Code					
Inspector Comment					
Madera County Flood Control has plans to attend flood fight training this year however is a few years removed from last training.					

No Photos

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.02	Rating **	M	Issue No.	15
LM End	0.02	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.046524°	37.046524°
				-120.427616°	-120.427616°
DWR ID	DWR_NA0011_01_f_2018_15				
Comment Code					
DE : Debris					
Inspector Comment					
Pallets left on levee crown should be removed.					

Photo 1 of 2 : FA_2019_NA0011_142_15_20191008_00029.jpg



Pallets used as a sign on levee crown. (Fall 2019)

LM Start	0.02	Rating **	M	Issue No.	15 (cont)
LM End	0.02	Issue Type +	En	Location *	CR

Photo 2 of 2 : FA_2019_NA0011_142_15_20190912_00006.jpg



Pallets left on levee crown. (Fall 2018)

LM Start	0.03	Rating **	U	Issue No.	9
LM End	2.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.046573 °	37.065960 °
				-120.427527 °	-120.400093 °
DWR ID	DWR_NA0011_01_f_2019_9				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA_2019_NA0011_142_9_20191008_00030.jpg



View of vegetation on waterside slope looking upstream. (Fall 2019)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.03	Rating **	U	Issue No.	18
LM End	0.06	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.046566 °	37.046715 °
				-120.427512 °	-120.426964 °
DWR ID	DWR_NA0011_01_s_2014_18				
Comment Code					
DT : Ditch					
Inspector Comment					
There seem to be lots of activity going on at this location. This ditch will cause more damage to the levee slope and toe.					

Photo 1 of 1 : FA_2019_NA0011_142_18_20190912_00007.jpg



Ash Slough looking upstream from the landside slope levee mile 0.03.

LM Start	0.04	Rating **	U	Issue No.	45	
LM End	0.04	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			37.046618 °	37.046618 °	
				-120.427350 °	-120.427350 °	
DWR ID	21513					
Comment Code						
Inspector Comment						
DS_ID:21513 FS_ID:53153 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 10/31/2018 Erosion present on both the right and the left side of the concrete headwall located on the LS. Pipe inlet is about 50 percent filled with soil. WS outlet is at a low point, water will pond against the levee until it reaches channel elevation. This crossing does not properly drain to the channel. Levee is composed of highly erodible material. Recommend clearing soil from pipe and completing internal pipe inspection to determine pipe integrity through levee. (O. Magana - DWR UCIP) 07/14/2016 No inspection completed--need to inspect October 2016. (DWR UCIP - omagana)05/06/2014 Landward slope has been excavated and a berm built in front of landward headwall. Sediment visible inside pipe from landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment and waterward headwall to conduct proper inspection of structure. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 9.5 feet below the crown. Headwall and wing wall on each end. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 10/31/2018 11:25:00 AM						

Photo 1 of 3 : UCIP_FA_2019_53153_69674.jpg



View of WS--dense vegetation along WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.04	Rating **	U	Issue No.	45 (cont)
LM End	0.04	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			37.046618 °	37.046618 °
				-120.427350 °	-120.427350 °
DWR ID	21513				

Comment Code

Inspector Comment

DS_ID:21513
FS_ID:53153
EP_NO: N/A
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 10/31/2018 Erosion present on both the right and the left side of the concrete headwall located on the LS. Pipe inlet is about 50 percent filled with soil. WS outlet is at a low point, water will pond against the levee until it reaches channel elevation. This crossing does not properly drain to the channel. Levee is composed of highly erodible material. Recommend clearing soil from pipe and completing internal pipe inspection to determine pipe integrity through levee. (O. Magana - DWR UCIP)
07/14/2016 No inspection completed--need to inspect October 2016. (DWR UCIP - omagana)05/06/2014 Landward slope has been excavated and a berm built in front of landward headwall. Sediment visible inside pipe from landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment and waterward headwall to conduct proper inspection of structure. (DWR UCIP - omagana)
FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 9.5 feet below the crown. Headwall and wing wall on each end. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2005].
FS Date: 10/31/2018 11:25:00 AM

LM Start	0.04	Rating **	U	Issue No.	45 (cont)
LM End	0.04	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2019_53153_69673.jpg



Flap gate located on WS blocked by dense vegetation.

Photo 3 of 3 : UCIP_FA_2019_53153_69675.jpg



View of LS--levee slope has been modified.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

Madera County FCWCA

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.05	Rating **	M	Issue No.	16
LM End	0.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.046673 °	37.047013 °	
			-120.427187 °	-120.425702 °	
DWR ID	DWR_NA0011_01_f_2019_16				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.05	Rating **	C	Issue No.	12
LM End	0.05	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.046683 °	37.046683 °	
			-120.427077 °	-120.427077 °	
DWR ID	DWR_NA0011_01_s_2017_12				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove the brush pile from the landside slope.					

No Photos

LM Start	0.06	Rating **	M	Issue No.	19
LM End	2.31	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Crown Surface / Depressions / Rutting		37.046732 °	37.067958 °	
			-120.426922 °	-120.398828 °	
DWR ID	DWR_NA0011_01_s_2017_19				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspections**

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.11	Rating **	M	Issue No.	17
LM End	2.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.046890 °	37.068730 °
				-120.426137 °	-120.398670 °
DWR ID	DWR_NA0011_01_f_2016_17				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	0.24	Rating **	U	Issue No.	22
LM End	0.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.047492°	37.053543°
				-120.423798°	-120.417370°
DWR ID	DWR_NA0011_01_f_2019_22				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA_2019_NA0011_142_22_20191008_00032.jpg



Looking upstream along the landside slope. (Fall 2019)

LM Start	0.26	Rating **	C	Issue No.	31
LM End	0.26	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.047624 °	37.047624 °
				-120.423490 °	-120.423490 °
DWR ID	DWR_NA0011_01_s_2019_31				
Comment Code					
EQ : Equipment					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
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Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.28	Rating **	M	Issue No.	6							
LM End	0.30	Issue Type +	Ma	Location *	WS							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Encroachments		37.047812°	37.047963°								
			-120.423155°	-120.422898°								
DWR ID	DWR_NA0011_01_s_2012_6											
Comment Code												
TR : Tree or limb												
Inspector Comment												

No Photos

LM Start	0.33	Rating **	M	Issue No.	8							
LM End	0.35	Issue Type +	Ma	Location *	WS							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Encroachments		37.048223°	37.048467°								
			-120.422642°	-120.422315°								
DWR ID	DWR_NA0011_01_s_2012_8											
Comment Code												
TR : Tree or limb												
Inspector Comment												

No Photos

LM Start	0.44	Rating **	M	Issue No.	11							
LM End	0.44	Issue Type +	Ma	Location *	WS							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Encroachments		37.049455°	37.049455°								
			-120.421218°	-120.421218°								
DWR ID	DWR_NA0011_01_s_2012_11											
Comment Code												
TR : Tree or limb												
Inspector Comment												
Remove the dead tree from the waterside slope.												

Photo 1 of 1 : FA_2019_NA0011_142_11_20190912_00001.jpg



Remove downed tree from waterside slope.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.44	Rating **	U	Issue No.	23
LM End	0.80	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.049450 °	37.053540 °
				-120.421165 °	-120.417372 °
DWR ID	DWR_NA0011_01_f_2019_23				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

Photo 1 of 1 : FA_2019_NA0011_142_23_20191008_00033.jpg



View along the levee crown looking upstream. (Fall 2019)

LM Start	0.53	Rating **	M	Issue No.	10
LM End	0.53	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.050335 °	37.050335 °
				-120.419965 °	-120.419965 °
DWR ID	DWR_NA0011_01_s_2012_10				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the tree limbs from the waterside slope.					

No Photos

LM Start	0.59	Rating **	U	Issue No.	13
LM End	0.61	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.050920 °	37.051093 °
				-120.419210 °	-120.418992 °
DWR ID	DWR_NA0011_01_f_2017_13				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove the large pruning piles on landside slope.					

Photo 1 of 3 : FA_2019_NA0011_142_13_20191008_00034.jpg



Large pruning pile left on landside slope. (Fall 2019)

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.59	Rating **	U	Issue No.	13 (cont)	
LM End	0.61	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			37.050920 °		37.051093 °
				-120.419210 °		-120.418992 °
DWR ID	DWR_NA0011_01_f_2017_13					
Comment Code						
PR : Prunings						
Inspector Comment						
Remove the large pruning piles on landside slope.						

Photo 2 of 3 : FA_2019_NA0011_142_13_20190912_00003.jpg



Looking west at pruning pile on landward slope. (Spring 2018)

LM Start	0.59	Rating **	U	Issue No.	13 (cont)
LM End	0.61	Issue Type +	En	Location *	LS

Photo 3 of 3 : FA_2019_NA0011_142_13_20190912_00004.jpg



Remove large pruning piles from landside slope.

LM Start	0.62	Rating **	M	Issue No.	37
LM End	0.62	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.051222 °	37.051222 °
				-120.418810 °	-120.418810 °
DWR ID	DWR_NA0011_01_f_2015_37				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the tree branches from the waterside slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.74	Rating **	U	Issue No.	14
LM End	0.78	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.052619 °	37.053238 °
				-120.417726 °	-120.417488 °
DWR ID	DWR_NA0011_01_s_2013_14				
Comment Code					
EQ : Equipment					
Inspector Comment					
Move equipment and debris away from levee to allow inspection and access to landside slope, toe and 10-foot easement.					

Photo 1 of 1 : FA_2019_NA0011_142_14_20190912_00005.jpg



Farm equipment and debris placed within the easement landside levee toe.

LM Start	0.75	Rating **	U	Issue No.	21
LM End	0.75	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.052796 °	37.052796 °
				-120.417641 °	-120.417640 °
DWR ID	DWR_NA0011_01_f_2017_21				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove tree limbs from waterside slope.					

Photo 1 of 1 : FA_2019_NA0011_142_21_20190912_00009.jpg



Looking west at tree limbs and branches on waterward slope. (Spring 2018)

LM Start	0.79	Rating **	U	Issue No.	25	
LM End	0.79	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			37.053329 °		37.053329 °
				-120.417448 °		-120.417448 °
DWR ID	DWR_NA0011_01_f_2018_25					
Comment Code						
TR : Tree or limb						
Inspector Comment						
There is a fallen tree blocking the waterside slope.						

Photo 1 of 1 : FA_2019_NA0011_142_25_20190912_00010.jpg



tree limbs and trunks on waterside shoulder and slope. (Fall 2018)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.86	Rating **	M	Issue No.	26
LM End	0.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.054333 °	37.054460 °
				-120.417057 °	-120.417043 °
DWR ID	DWR_NA0011_01_f_2016_26				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Maintain the trees to allow visibility of the levee slope.					

No Photos

LM Start	1.04	Rating **	M	Issue No.	29
LM End	1.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.055880 °	37.055880 °
				-120.414628 °	-120.414628 °
DWR ID	DWR_NA0011_01_f_2018_29				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 3 : FA_2019_NA0011_142_29_20191008_00037.jpg



View of erosion looking upstream along the landside slope. (Fall 2019)

LM Start	1.04	Rating **	M	Issue No.	29 (cont)
LM End	1.04	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : FA_2019_NA0011_142_29_20191008_00036.jpg



View of erosion looking up the landside slope. (Fall 2019)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.04	Rating **	M	Issue No.	29 (cont)	
LM End	1.04	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			37.055880 °		37.055880 °
				-120.414628 °		-120.414628 °
DWR ID	DWR_NA0011_01_f_2018_29					
Comment Code						
E2 : Schedule repair of erosion site prior to the next inspection.						
Inspector Comment						

Photo 3 of 3 : FA_2019_NA0011_142_29_20190912_00012.jpg



Erosion on landside slope. (Fall 2018)

LM Start	1.45	Rating **	C	Issue No.	7
LM End	2.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.059113 °	37.068344 °
				-120.408880 °	-120.398780 °
DWR ID	DWR_NA0011_01_s_2013_7				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Repair cut along the landside levee toe.					

No Photos

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.71	Rating **	M	Issue No.	46
LM End	1.71	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DRAFT DWR UCIP Field Study		37.061496°	37.061496°	
			-120.405348°	-120.405348°	

DWR ID	25456
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Comment Code	
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Inspector Comment	
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DS_ID:25456

FS_ID:53155

EP_NO: N/A

Repair Type: Non-Urgent

Crossing Status: Found

UCIP Comments: 10/31/2018 Pipe has been capped off. No integrity issues were observed during the site inspection. Crossing has been downgraded from Urgent to Non-Urgent. Need to coordinate with the CVFPB to determine if the unauthorized crossing will need to be removed, pending issue that needs to be resolved. (O. Magana - DWR UCIP)

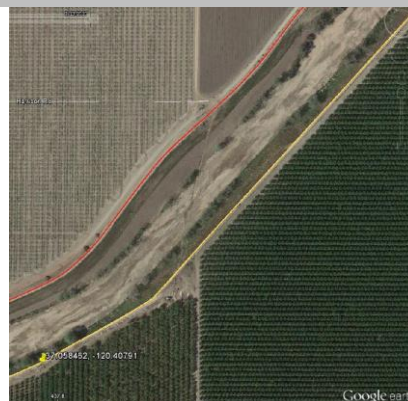
07/14/2016 Open pipe still remains on WS through short levee. Need to contact owner to determine extent of work completed through section of levee. (DWR UCIP - omagana)

06/14/2016 Levee disturbed without prior authorization, it appears that the pipe owner did not notify CVFPB of the construction activity. Crossing was added to UCIP database. Spoke to Herman Phillips (DWR Levee Inspector) regarding unauthorized pipe installation along LS toe of U2. The LS toe of U2 (approximately 731 feet) was disturbed. DWR Inspector mentioned that Dario Dominguez with Madera County Flood Control, LMA representative, has sent the pipe owner notification of unauthorized excavation to replace existing pipe along U2 LS toe, dated May 5, 2016. After reviewing the timed aerial photographs (aerials) under Google Earth a new discovery was made regarding the extend of the area disturbed. Based on the aerials it appears that the new pipe system goes through U1 and U2 levees, across Ash Slough, and along LS toe of U2. The pipe through the levees and channel appears to tie into the work currently being done on the LS toe of U2. Both U1 and U2 levees appear to have been disturbed during 2014-2015. The aerials show that the crossing was not present in the aerial dated 4/5/2014, crossing was not present during the 2014 UCIP Inspection dated 5/6/2014, and the crossing was present in the aerial dated 3/18/2015. According to DWR Inspector, Dario Dominguez with Madera County Flood Control was notified of the additional unauthorized encroachment issue (unauthorized work completed in 2014-2015 on both levees and the channel) that could be related to the trench work being completed by Mr. Sterling. (DWR UCIP - omagana)

FIELD_STRUCT_DESC: *ILLEGAL ENCROACHMENT* 10-inch to 12-inch irrigation siphon pipe of an unknown material through both levees and across the channel, at an unknown depth. The pipe starts on the landside (LS) toe of Unit 1 (U1) and continues across the channel and through the Unit 2 (U2) levee. The pipe then runs along the LS toe of U2 for approximately 731 feet. This crossing was field discovered. The owner of this crossing is Michael Alexander Sterling, 19140 Faralton Road, Madera, CA 93638-0313.

FS Date: 10/31/2018 11:26:00 AM

Photo 1 of 3 : UCIP_FA_2019_53155_75206.jpg



Aerial photo of Encroachment visible through levee and channel in 2015.
(Source: Google Earth, 3/18/2015)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.71	Rating **	M	Issue No.	46 (cont)
LM End	1.71	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DRAFT DWR UCIP Field Study		37.061496°	37.061496°	
			-120.405348°	-120.405348°	
DWR ID	25456				

Comment Code

Inspector Comment

DS_ID:25456
FS_ID:53155
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 10/31/2018 Pipe has been capped off. No integrity issues were observed during the site inspection. Crossing has been downgraded from Urgent to Non-Urgent. Need to coordinate with the CVFPB to determine if the unauthorized crossing will need to be removed, pending issue that needs to be resolved. (O. Magana - DWR UCIP)
07/14/2016 Open pipe still remains on WS through short levee. Need to contact owner to determine extent of work completed through section of levee. (DWR UCIP - omagana)
06/14/2016 Levee disturbed without prior authorization, it appears that the pipe owner did not notify CVFPB of the construction activity. Crossing was added to UCIP database. Spoke to Herman Phillips (DWR Levee Inspector) regarding unauthorized pipe installation along LS toe of U2. The LS toe of U2 (approximately 731 feet) was disturbed. DWR Inspector mentioned that Dario Dominguez with Madera County Flood Control, LMA representative, has sent the pipe owner notification of unauthorized excavation to replace existing pipe along U2 LS toe, dated May 5, 2016. After reviewing the timed aerial photographs (aerials) under Google Earth a new discovery was made regarding the extend of the area disturbed. Based on the aerials it appears that the new pipe system goes through U1 and U2 levees, across Ash Slough, and along LS toe of U2. The pipe through the levees and channel appears to tie into the work currently being done on the LS toe of U2. Both U1 and U2 levees appear to have been disturbed during 2014-2015. The aerials show that the crossing was not present in the aerial dated 4/5/2014, crossing was not present during the 2014 UCIP Inspection dated 5/6/2014, and the crossing was present in the aerial dated 3/18/2015. According to DWR Inspector, Dario Dominguez with Madera County Flood Control was notified of the additional unauthorized encroachment issue (unauthorized work completed in 2014-2015 on both levees and the channel) that could be related to the trench work being completed by Mr. Sterling. (DWR UCIP - omagana)
FIELD_STRUCT_DESC: *ILLEGAL ENCROACHMENT* 10-inch to 12-inch irrigation siphon pipe of an unknown material through both levees and across the channel, at an unknown depth. The pipe starts on the landside (LS) toe of Unit 1 (U1) and continues across the channel and through the Unit 2 (U2) levee. The pipe then runs along the LS toe of U2 for approximately 731 feet. This crossing was field discovered. The owner of this crossing is Michael Alexander Sterling, 19140 Faralton Road, Madera, CA 93638-0313.
FS Date: 10/31/2018 11:26:00 AM

Photo 2 of 3 : UCIP_FA_2019_53155_75221.jpg



Assumed alignment of pipe through the levees and along LS toe of U2.
(Source: Google Earth, 3/18/2015)

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.71	Rating **	M	Issue No.	46 (cont)
LM End	1.71	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			37.061496°	37.061496°
				-120.405348°	-120.405348°
DWR ID	25456				

Comment Code

Inspector Comment

DS_ID:25456

FS_ID:53155

EP_NO: N/A

Repair Type: Non-Urgent

Crossing Status: Found

UCIP Comments: 10/31/2018 Pipe has been capped off. No integrity issues were observed during the site inspection. Crossing has been downgraded from Urgent to Non-Urgent. Need to coordinate with the CVFPB to determine if the unauthorized crossing will need to be removed, pending issue that needs to be resolved. (O. Magana - DWR UCIP)

07/14/2016 Open pipe still remains on WS through short levee. Need to contact owner to determine extent of work completed through section of levee. (DWR UCIP - omagana)

06/14/2016 Levee disturbed without prior authorization, it appears that the pipe owner did not notify CVFPB of the construction activity. Crossing was added to UCIP database. Spoke to Herman Phillips (DWR Levee Inspector) regarding unauthorized pipe installation along LS toe of U2. The LS toe of U2 (approximately 731 feet) was disturbed. DWR Inspector mentioned that Dario Dominguez with Madera County Flood Control, LMA representative, has sent the pipe owner notification of unauthorized excavation to replace existing pipe along U2 LS toe, dated May 5, 2016. After reviewing the timed aerial photographs (aerials) under Google Earth a new discovery was made regarding the extend of the area disturbed. Based on the aerials it appears that the new pipe system goes through U1 and U2 levees, across Ash Slough, and along LS toe of U2. The pipe through the levees and channel appears to tie into the work currently being done on the LS toe of U2. Both U1 and U2 levees appear to have been disturbed during 2014-2015. The aerials show that the crossing was not present in the aerial dated 4/5/2014, crossing was not present during the 2014 UCIP Inspection dated 5/6/2014, and the crossing was present in the aerial dated 3/18/2015. According to DWR Inspector, Dario Dominguez with Madera County Flood Control was notified of the additional unauthorized encroachment issue (unauthorized work completed in 2014-2015 on both levees and the channel) that could be related to the trench work being completed by Mr. Sterling. (DWR UCIP - omagana)

FIELD_STRUCT_DESC: *ILLEGAL ENCROACHMENT* 10-inch to 12-inch irrigation siphon pipe of an unknown material through both levees and across the channel, at an unknown depth. The pipe starts on the landside (LS) toe of Unit 1 (U1) and continues across the channel and through the Unit 2 (U2) levee. The pipe then runs along the LS toe of U2 for approximately 731 feet. This crossing was field discovered. The owner of this crossing is Michael Alexander Sterling, 19140 Faralton Road, Madera, CA 93638-0313.

FS Date: 10/31/2018 11:26:00 AM

Photo 3 of 3 : UCIP_FA_2019_53155_75207.jpg



Aerial photo of Encroachment not present in 2014. (Source: Google Earth, 4/5/2014)

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.73	Rating **	M	Issue No.	24
LM End	2.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.061685 °	37.065827 °
				-120.405165 °	-120.400365 °
DWR ID	DWR_NA0011_01_f_2019_24				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	2.09	Rating **	M	Issue No.	47
LM End	2.09	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			37.065569 °	37.065569 °
				-120.400752 °	-120.400752 °
DWR ID	21511				
Comment Code					
Inspector Comment					
DS_ID:21511 FS_ID:52846 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 05/06/2014 Need to contact to owner to get contact information. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: Telephone conduit of an unknown size or material through the levee, at an unknown depth. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 5/6/2014					

Photo 1 of 1 : UCIP_FA_2019_52846_71806.jpg



Conduit box located on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	2.10	Rating **	M	Issue No.	48
LM End	2.10	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			37.065649 °	37.065649 °
				-120.400663 °	-120.400663 °
DWR ID	25042				
Comment Code					
Inspector Comment					
DS_ID:25042 FS_ID:52847 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/06/2014 Need to contact owner to determine if crossing goes through levee. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 10-inch or 12-inch drainage discharge pipe of an unknown material through the levee, at an unknown depth. Crossing visible inside a concrete standpipe on the waterside (WS). Potential pump station on the landside (LS), approximately 100 feet from the standpipe. This crossing was field discovered. FS Date: 5/6/2014					

Photo 1 of 3 : UCIP_FA_2019_52847_71800.jpg



Pump station visible approximately 100 feet from concrete standpipe.

LM Start	2.10	Rating **	M	Issue No.	48 (cont)
LM End	2.10	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2019_52847_71803.jpg



Standpipe visible on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	2.10	Rating **	M	Issue No.	48 (cont)
LM End	2.10	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			37.065649 °	37.065649 °
				-120.400663 °	-120.400663 °
DWR ID	25042				
Comment Code					
Inspector Comment					
DS_ID:25042 FS_ID:52847 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/06/2014 Need to contact owner to determine if crossing goes through levee. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 10-inch or 12-inch drainage discharge pipe of an unknown material through the levee, at an unknown depth. Crossing visible inside a concrete standpipe on the waterside (WS). Potential pump station on the landside (LS), approximately 100 feet from the standpipe. This crossing was field discovered. FS Date: 5/6/2014					

Photo 3 of 3 : UCIP_FA_2019_52847_71804.jpg



Inside view of concrete standpipe.

LM Start	2.26	Rating **	U	Issue No.	27
LM End	2.35	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.067192 °	37.068533 °
				-120.398770 °	-120.398663 °
DWR ID	DWR_NA0011_01_f_2019_27				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA_2019_NA0011_142_27_20191008_00035.jpg



View of vegetation on the waterside slope looking upstream. (Fall 2019)

* Location
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

** Rating
 A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	2.37	Rating **	M	Issue No.	49	
LM End	2.37	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			37.068763 °	37.068763 °	
				-120.398523 °	-120.398523 °	
DWR ID	21512					
Comment Code						
Inspector Comment						
DS_ID:21512 FS_ID:52848 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/06/2014 Unable to determine details of crossing and whether crossing has been abandoned. Need to find owner and determine the alignment of crossing to confirm if pipe is being extended from opposite levee. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: *ABANDONED* Service pole, pump, and two 36-inch standpipes on the landside (LS). Pump not found during 2014 inspection. Three standpipes found on the LS. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 5/6/2014						

LM Start	2.37	Rating **	M	Issue No.	49 (cont)
LM End	2.37	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2019_52848_69679.jpg



View of waterward side.

Photo 2 of 3 : UCIP_FA_2019_52848_69678.jpg



View of waterward slope--no signs of crossing visible.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	2.37	Rating **	M	Issue No.	49 (cont)	
LM End	2.37	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			37.068763 °	37.068763 °	
				-120.398523 °	-120.398523 °	
DWR ID	21512					
Comment Code						
Inspector Comment						
DS_ID:21512 FS_ID:52848 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/06/2014 Unable to determine details of crossing and whether crossing has been abandoned. Need to find owner and determine the alignment of crossing to confirm if pipe is being extended from opposite levee. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: *ABANDONED* Service pole, pump, and two 36-inch standpipes on the landside (LS). Pump not found during 2014 inspection. Three standpipes found on the LS. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 5/6/2014						

Photo 3 of 3 : UCIP_FA_2019_52848_69677.jpg



Three stand pipes visible on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2019 Levee Inspection Results

Madera County FCWCA

Waterway			Bank	Unit Miles
Unit No. 02 Ash Slough			Left	2.04
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	5/9/2019 - 5/9/2019		10/2/2019 - 10/2/2019	
DWR Inspector	Corey Fujitani		Corey Fujitani	
Accompanied By	Dario Dominguez Madera County			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Madera County FCWCA

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable N : Not Inspected/Rated	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable A/W : Acceptable but Monitor & Maintain	En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.01	Rating **	M	Issue No.	47
LM End	0.01	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			37.045532 °	37.045532 °
				-120.427268 °	-120.427268 °
DWR ID	21585				
Comment Code					
Inspector Comment					
DS_ID:21585 FS_ID:52830 EP_NO: 8068 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/06/2014 Unable to confirm if crossing found in the field corresponds to the crossing described under Permit 8068. Only 1 crossing found permit indicates 2 irrigation culverts. Need to contact owner to obtain additional details of crossing. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: To retain two irrigation culverts and siphons of an unknown size or material through the levee, at an unknown depth. Located at the intersection of Ash Slough and the Chowchilla Canal. FS Date: 5/6/2014					

LM Start	0.01	Rating **	M	Issue No.	47 (cont)
LM End	0.01	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2019_52830_71662.jpg



View of landward side.

Photo 2 of 3 : UCIP_FA_2019_52830_71661.jpg



View of riser located on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.01	Rating **	M	Issue No.	47 (cont)
LM End	0.01	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			37.045532 °	37.045532 °
				-120.427268 °	-120.427268 °
DWR ID	21585				
Comment Code					
Inspector Comment					
DS_ID:21585 FS_ID:52830 EP_NO: 8068 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/06/2014 Unable to confirm if crossing found in the field corresponds to the crossing described under Permit 8068. Only 1 crossing found permit indicates 2 irrigation culverts. Need to contact owner to obtain additional details of crossing. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: To retain two irrigation culverts and siphons of an unknown size or material through the levee, at an unknown depth. Located at the intersection of Ash Slough and the Chowchilla Canal. FS Date: 5/6/2014					

Photo 3 of 3 : UCIP_FA_2019_52830_71660.jpg



Pipe outlet on waterward side.

LM Start	0.01	Rating **	U	Issue No.	32
LM End	0.03	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.045531 °	37.045620 °
				-120.427244 °	-120.426900 °
DWR ID	DWR_NA0011_02_f_2012_32				
Comment Code					
DT : Ditch					
Inspector Comment					
There is a settling basin on the landward side of the levee. This basin is very close to the landside easement.					

Photo 1 of 1 : FA_2019_NA0011_143_32_20190912_00023.jpg



Ash Slough at levee mile 0.01- 0.03. Settling basin on the landside levee berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.03	Rating **	M	Issue No.	19
LM End	1.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.045623 °	37.059952 °
				-120.426988 °	-120.405448 °
DWR ID	DWR_NA0011_02_s_2017_19				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	0.04	Rating **	M	Issue No.	22
LM End	2.00	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.045627 °	37.063718 °
				-120.426788 °	-120.401358 °
DWR ID	DWR_NA0011_02_s_2017_22				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

LM Start	0.09	Rating **	U	Issue No.	12
LM End	0.16	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.045876 °	37.046198 °
				-120.425932 °	-120.424737 °
DWR ID	DWR_NA0011_02_f_2017_12				
Comment Code					
EQ : Equipment					
Inspector Comment					

Photo 1 of 1 : FA_2019_NA0011_143_12_20190912_00008.jpg



Move equipment away from levee slope, toe and 10-foot easement at toe to allow inspection and access.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.16	Rating **	U	Issue No.	23
LM End	0.23	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.046240 °	37.046583 °
				-120.424608 °	-120.423560 °
DWR ID	DWR_NA0011_02_s_2017_23				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trim the tree limbs blocking view of landward levee slope.					

Photo 1 of 1 : FA_2019_NA0011_143_23_20190912_00014.jpg



Looking downstream at tree on landward slope. (Spring 2018)

LM Start	0.21	Rating **	M	Issue No.	46
LM End	0.21	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.046533 °	37.046533 °
				-120.423762 °	-120.423762 °
DWR ID	DWR_NA0011_02_f_2015_46				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					
Trim tree limb hanging over the crown roadway.					

No Photos

LM Start	0.27	Rating **	M	Issue No.	21
LM End	0.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.046937 °	37.047192 °
				-120.422815 °	-120.422517 °
DWR ID	DWR_NA0011_02_s_2012_21				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.29	Rating **	U	Issue No.	20
LM End	0.44	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.047018 °	37.048545 °
				-120.422535 °	-120.420575 °
DWR ID	DWR_NA0011_02_f_2019_20				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

Photo 1 of 1 : FA_2019_NA0011_143_20_20191008_00049.jpg



Looking along the levee crown looking downstream. (Fall 2019)

LM Start	0.29	Rating **	U	Issue No.	10
LM End	0.93	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.047018 °	37.054440 °
				-120.422535 °	-120.415937 °
DWR ID	DWR_NA0011_02_f_2019_10				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA_2019_NA0011_143_10_20191008_00050.jpg



Looking downstream along the landside slope. (Fall 2019)

LM Start	0.30	Rating **	M	Issue No.	5
LM End	0.30	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.047100 °	37.047100 °
				-120.422448 °	-120.422448 °
DWR ID	DWR_NA0011_02_f_2012_5				
Comment Code					
FE : Fence					
Inspector Comment					
This fence was not authorized by CVFPB. The District is aware of the fence. The landowner installed the fence and gate across the levee section because he has been broken into frequently and had many items stolen in the past. An inspector met with the landowner on 4-29-2014 and he let the inspector put a State lock on his gate to gain access to the levee.					

Photo 1 of 2 : FA_2019_NA0011_143_5_20190912_00005.jpg



Unauthorized gate and metal fence placed on slope and toe of levee section. Photo taken 4-17-2013.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.30	Rating **	M	Issue No.	5 (cont)	
LM End	0.30	Issue Type +	En	Location *	CR	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			37.047100 °		37.047100 °
				-120.422448 °		-120.422448 °
DWR ID	DWR_NA0011_02_f_2012_5					
Comment Code						
FE : Fence						
Inspector Comment						
This fence was not authorized by CVFPB. The District is aware of the fence. The landowner installed the fence and gate across the levee section because he has been broken into frequently and had many items stolen in the past. An inspector met with the landowner on 4-29-2014 and he let the inspector put a State lock on his gate to gain access to the levee.						

Photo 2 of 2 : FA_2019_NA0011_143_5_20190912_00006.jpg



New photo 5-4-2017.

LM Start	0.31	Rating **	M	Issue No.	48	
LM End	0.31	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			37.047245 °	37.047245 °	
				-120.422403 °	-120.422403 °	
DWR ID	21514					
Comment Code						
Inspector Comment						
DS_ID:21514 FS_ID:52834 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/06/2014 Need to contact owner to determine details of crossing and permit information authorizing crossing. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: Gravity drainage pipe of an unknown size or material through the levee, at a skew and at an unknown depth. Concrete discharge structure at the waterside (WS) end. Standpipe with gage house off the landside (LS) toe. No gage house found on the LS during inspection. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 5/6/2014						

Photo 1 of 3 : UCIP_FA_2019_52834_64463.jpg



View of waterward side.

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.31	Rating **	M	Issue No.	48 (cont)	
LM End	0.31	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			37.047245 °	37.047245 °	
				-120.422403 °	-120.422403 °	
DWR ID	21514					
Comment Code						
Inspector Comment						
DS_ID:21514 FS_ID:52834 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/06/2014 Need to contact owner to determine details of crossing and permit information authorizing crossing. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: Gravity drainage pipe of an unknown size or material through the levee, at a skew and at an unknown depth. Concrete discharge structure at the waterside (WS) end. Standpipe with gage house off the landside (LS) toe. No gage house found on the LS during inspection. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 5/6/2014						

LM Start	0.31	Rating **	M	Issue No.	48 (cont)
LM End	0.31	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2019_52834_64466.jpg



Locked box (unknown purpose) located on waterward side.

Photo 3 of 3 : UCIP_FA_2019_52834_64465.jpg



Dense vegetation on waterward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.31	Rating **	M	Issue No.	13
LM End	0.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.047266°	37.047266°
				-120.422393°	-120.422393°
DWR ID	DWR_NA0011_02_f_2017_13				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA_2019_NA0011_143_13_20190912_00009.jpg



Vehicle access to levee slope should be prevented and erosion repaired.

LM Start	0.32	Rating **	M	Issue No.	28
LM End	0.32	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.047416 °	37.047416 °
				-120.422142 °	-120.422142 °
DWR ID	DWR_NA0011_02_f_2012_28				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the dead tree limbs from the waterside slope.					

Photo 1 of 1 : FA_2019_NA0011_143_28_20190912_00020.jpg



Looking downstream at tree limbs on waterward slope and toe. (Spring 2018)

LM Start	0.33	Rating **	U	Issue No.	33
LM End	0.42	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.047485 °	37.048403 °
				-120.422037 °	-120.420810 °
DWR ID	DWR_NA0011_02_s_2017_33				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the dead fallen trees from the waterside slope.					

Photo 1 of 1 : FA_2019_NA0011_143_33_20190912_00024.jpg



Dead fallen trees on the waterside levee slope and shoulder.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.35	Rating **	M	Issue No.	14
LM End	0.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.047653 °	37.048304 °
				-120.421813 °	-120.420967 °
DWR ID	DWR_NA0011_02_f_2017_14				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Waterside tree branches hanging over crown interfere with crown access and waterside visibility.					

Photo 1 of 1 : FA_2019_NA0011_143_14_20190912_00010.jpg



Looking downstream at untrimmed trees on waterward shoulder and slope. (Spring 2018)

LM Start	0.45	Rating **	M	Issue No.	11
LM End	0.53	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.048627 °	37.049342 °
				-120.420357 °	-120.419370 °
DWR ID	DWR_NA0011_02_s_2012_11				
Comment Code					
FE : Fence					
Inspector Comment					
Wire fence on the landside levee shoulder along with unwanted tall weed growth.					

Photo 1 of 1 : FA_2019_NA0011_143_11_20190912_00007.jpg



Fence on the landside slope.

LM Start	0.52	Rating **	M	Issue No.	35
LM End	0.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.049289 °	37.049289 °
				-120.419542 °	-120.419542 °
DWR ID	DWR_NA0011_02_s_2013_35				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Trim tree off the slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.56	Rating **	M	Issue No.	16
LM End	0.74	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.049682 °	37.051702 °
				-120.419022 °	-120.417025 °
DWR ID	DWR_NA0011_02_f_2019_16				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

No Photos

LM Start	0.56	Rating **	M	Issue No.	15
LM End	0.56	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.049723 °	37.049723 °
				-120.419026 °	-120.419026 °
DWR ID	DWR_NA0011_02_f_2017_15				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Remove fallen trees and limbs from waterside slope.					

No Photos

LM Start	0.93	Rating **	M	Issue No.	34
LM End	0.93	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.054407 °	37.054407 °
				-120.415928 °	-120.415928 °
DWR ID	DWR_NA0011_02_s_2017_34				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the prunings from the waterside slope.					

Photo 1 of 1 : FA_2019_NA0011_143_34_20190912_00025.jpg



Looking downstream at bush pile on waterward slope. (Spring 2018)

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.94	Rating **	M	Issue No.	49
LM End	0.94	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			37.054547°	37.054547°
				-120.415826°	-120.415826°
DWR ID	25043				
Comment Code					
Inspector Comment					
DS_ID:25043 FS_ID:52839 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/06/2014 Need to contact owner to determine status. Need permit authorizing work. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 5-inch steel communications conduit along the downstream face of the bridge. The upstream face has a 2-inch pipe cut at the corner. This crossing was field discovered. FS Date: 5/6/2014					

Photo 1 of 3 : UCIP_FA_2019_52839_71823.jpg



Conduit along face of bridge.

LM Start	0.94	Rating **	M	Issue No.	49 (cont)
LM End	0.94	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2019_52839_71822.jpg



View of steel conduit through levee and above channel.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.94	Rating **	M	Issue No.	49 (cont)	
LM End	0.94	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			37.054547 °	37.054547 °	
				-120.415826 °	-120.415826 °	
DWR ID	25043					
Comment Code						
Inspector Comment						
DS_ID:25043 FS_ID:52839 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/06/2014 Need to contact owner to determine status. Need permit authorizing work. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 5-inch steel communications conduit along the downstream face of the bridge. The upstream face has a 2-inch pipe cut at the corner. This crossing was field discovered. FS Date: 5/6/2014						

Photo 3 of 3 : UCIP_FA_2019_52839_71821.jpg



Overview of bridge.

LM Start	0.98	Rating **	U	Issue No.	27
LM End	1.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.054928 °	37.058752 °
				-120.415482 °	-120.407323 °
DWR ID	DWR_NA0011_02_s_2017_27				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the dead trees from the waterside slope and shoulder.					

Photo 1 of 2 : FA_2019_NA0011_143_27_20190912_00018.jpg



Unit 2 Ash Slough Levee mile 0.98 waterside shoulder and slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.98	Rating **	U	Issue No.	27 (cont)	
LM End	1.52	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			37.054928 °	37.058752 °	
				-120.415482 °	-120.407323 °	
DWR ID	DWR_NA0011_02_s_2017_27					
Comment Code						
TR : Tree or limb						
Inspector Comment						
Remove the dead trees from the waterside slope and shoulder.						

Photo 2 of 2 : FA_2019_NA0011_143_27_20190912_00019.jpg



Levee slope and shoulder looking upstream waterside levee section.

LM Start	1.10	Rating **	U	Issue No.	1	
LM End	1.19	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR Erosion Survey			37.055596 °	37.055596 °	
				-120.412647 °	-120.412647 °	
DWR ID	NA0011U02RM2.57					
Comment Code						
Inspector Comment						
Site ID: NA0011U02RM2.57						
09/10/2019: No significant change observed.						
09/20/2017: No significant change observed.						
07/22/2016: No significant change observed.						
09/08/2015: No significant change observed.						
07/22/2014: No significant change observed.						
08/30/2013: No significant change observed.						
07/31/2012: Site was visited on 07/24/2012. No significant change observed. Dense vegetation around the site						
08/09/2011: Site was inspected. No visible change was observed from the previous condition. A fallen tree was seen at the levee toe about 20 feet upstream, and tree root exposed. There has been no report from the district that this site was corrected.						
11/30/2010: Site was not inspected due to time constraints. There have been no reports from the district that the site was corrected. Continue to monitor site during flood events.						
08/05/2010: Recommended for annual assessment and monitoring during flood events, per CLRO.						
2009: Site is recommended as a local maintenance issue, per Critical Levee Repair Office, Critical Erosion Sites Evaluation 2008 Report; site was previously rated "M"						
9/6/2007: Undercutting of the toe; several trees along the WS slope with roots exposed.						

Photo 1 of 3 : SJR2019_NA0011U02RM2.57_2.jpg



View of the erosion site from the levee crest.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.10	Rating **	U	Issue No.	1 (cont)	
LM End	1.19	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR Erosion Survey			37.055596 °	37.055596 °	
				-120.412647 °	-120.412647 °	
DWR ID	NA0011U02RM2.57					
Comment Code						
Inspector Comment						
Site ID: NA0011U02RM2.57						
09/10/2019: No significant change observed.						
09/20/2017: No significant change observed.						
07/22/2016: No significant change observed.						
09/08/2015: No significant change observed.						
07/22/2014: No significant change observed.						
08/30/2013: No significant change observed.						
07/31/2012: Site was visited on 07/24/2012. No significant change observed. Dense vegetation around the site						
08/09/2011: Site was inspected. No visible change was observed from the previous condition. A fallen tree was seen at the levee toe about 20 feet upstream, and tree root exposed. There has been no report from the district that this site was corrected.						
11/30/2010: Site was not inspected due to time constraints. There have been no reports from the district that the site was corrected. Continue to monitor site during flood events.						
08/05/2010: Recommended for annual assessment and monitoring during flood events, per CLRO.						
2009: Site is recommended as a local maintenance issue, per Critical Levee Repair Office, Critical Erosion Sites Evaluation 2008 Report; site was previously rated "M"						
9/6/2007: Undercutting of the toe; several trees along the WS slope with roots exposed.						

LM Start	1.10	Rating **	U	Issue No.	1 (cont)
LM End	1.19	Issue Type +	Ma	Location *	

Photo 2 of 3 : SJR2019_NA0011U02RM2.57_1.jpg



Close-up view of the site.

Photo 3 of 3 : SJR2019_NA0011U02RM2.57_3.jpg



Close-up view of the site.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.10	Rating **	M	Issue No.	17
LM End	1.13	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.055437°	37.055533°
				-120.413392°	-120.412863°
DWR ID	DWR_NA0011_02_f_2017_17				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Trim branches from waterside tree hanging low over the crown inhibiting crown access.					

No Photos

LM Start	1.24	Rating **	M	Issue No.	18
LM End	1.24	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.056226 °	37.056226 °
				-120.411066 °	-120.411066 °
DWR ID	DWR_NA0011_02_f_2017_18				
Comment Code					
LI : Landscape Irrigation					
Inspector Comment					
Landowner removed most of the landscaping except for cactus and grapevines planted at landward toe.					

Photo 1 of 3 : FA_2019_NA0011_143_18_20190912_00011.jpg



Grapevines, landscaping vegetation, and cactus. (Fall 2018)

LM Start	1.24	Rating **	M	Issue No.	18 (cont)
LM End	1.24	Issue Type +	En	Location *	LS

Photo 2 of 3 : FA_2019_NA0011_143_18_20190912_00012.jpg



Modify or remove existing landscaping to allow visibility and access.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.24	Rating **	M	Issue No.	18 (cont)	
LM End	1.24	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			37.056226 °		37.056226 °
				-120.411066 °		-120.411066 °
DWR ID	DWR_NA0011_02_f_2017_18					
Comment Code						
LI : Landscape Irrigation						
Inspector Comment						
Landowner removed most of the landscaping except for cactus and grapevines planted at landward toe.						

Photo 3 of 3 : FA_2019_NA0011_143_18_20190912_00013.jpg



Looking downstream at cactus on landward toe. (Spring 2018)

LM Start	1.51	Rating **	M	Issue No.	25
LM End	1.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.058652 °	37.058802 °
				-120.407638 °	-120.407350 °
DWR ID	DWR_NA0011_02_s_2012_25				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					
Trim the trees on the waterside slope levee miles 1.51-1.52.					

Photo 1 of 1 : FA_2019_NA0011_143_25_20190912_00017.jpg



Looking downstream at untrimmed tree on waterward slope. (Spring 2018)

LM Start	1.52	Rating **	U	Issue No.	29
LM End	1.62	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.059016 °	37.058978 °
				-120.406754 °	-120.406847 °
DWR ID	DWR_NA0011_02_f_2018_29				
Comment Code					
LI : Landscape Irrigation					
Inspector Comment					
Irrigation valves set into levee slope and toe.					

Photo 1 of 2 : FA_2019_NA0011_143_29_20190912_00021.jpg



Digging around valves recently occurred. Appears to be for maintenance of irrigation system. (Spring 2019)

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.52	Rating **	U	Issue No.	29 (cont)	
LM End	1.62	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			37.059016 °		37.058978 °
				-120.406754 °		-120.406847 °
DWR ID	DWR_NA0011_02_f_2018_29					
Comment Code						
LI : Landscape Irrigation						
Inspector Comment						
Irrigation valves set into levee slope and toe.						

Photo 2 of 2 : FA_2019_NA0011_143_29_20190912_00022.jpg



Representative view of irrigation valve. (Fall 2018)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.62	Rating **	M	Issue No.	50
LM End	1.62	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			37.059585 °	37.059585 °
				-120.405867 °	-120.405867 °
DWR ID	25457				
Comment Code					
Inspector Comment					

DS_ID:25457

FS_ID:52842

EP_NO: N/A

Repair Type: Non-Urgent

Crossing Status: Found

UCIP Comments: 7/14/2016 Repair in progress--According to LMA representative, Dario Dominguez, owner has repaired levee slope and compacted material per CVFPB's requirement (compaction tests have been performed). Need to confirm compaction tests were provided to DWR Inspector-Herman Phillips. (DWR UCIP - omagana)6/14/2016 Levee disturbed without prior authorization, it appears that the pipe owner did not notify CVFPB of the construction activity. Crossing was added to UCIP database. Spoke to Herman Phillips (DWR Levee Inspector) regarding unauthorized pipe installation along LS toe of U2. The LS toe of U2 (approximately 731 feet) was disturbed. DWR Inspector mentioned that Dario Dominguez with Madera County Flood Control, LMA representative, has sent the pipe owner notification of unauthorized excavation to replace existing pipe along U2 LS toe, dated May 5, 2016. After reviewing the timed aerial photographs (aerials) under Google Earth a new discovery was made regarding the extend of the area disturbed. Based on the aerials it appears that the new pipe system goes through U1 and U2 levees, across Ash Slough, and along LS toe of U2. The pipe through the levees and channel appears to tie into the work currently being done on the LS toe of U2. Both U1 and U2 levees appear to have been disturbed during 2014-2015. The aerials show that the crossing was not present in the aerial dated 4/5/2014, crossing was not present during the 2014 UCIP Inspection dated 5/6/2014, and the crossing was present in the aerial dated 3/18/2015. According to DWR Inspector, Dario Dominguez with Madera County Flood Control was notified of the additional unauthorized encroachment issue (unauthorized work completed in 2014-2015 on both levees and the channel) that could be related to the trench work being completed by Mr. Sterling. (DWR UCIP - omagana)

FIELD_STRUCT_DESC: *ILLEGAL ENCROACHMENT* 10-inch to 12-inch irrigation siphon pipe of an unknown material through both levees and across the channel, at an unknown depth. The pipe starts on the landside (LS) toe of Unit 1 (U1) and continues across the channel and through the Unit 2 (U2) levee. The pipe then runs along the LS toe of U2 for approximately 731 feet. The pipe along the LS toe of U2 starts at 37.059237, -120.406025, and ends at 37.058462, -120.40791. This crossing was field discovered.

FS Date: 7/14/2016

Photo 1 of 3 : UCIP_FA_2019_52842_75220.jpg



Assumed alignment of pipe through the levees and along LS toe of Unit 2. (Source: Google Earth, 3/18/2015)

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.62	Rating **	M	Issue No.	50 (cont)
LM End	1.62	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			37.059585°	37.059585°
				-120.405867°	-120.405867°
DWR ID	25457				

Comment Code

Inspector Comment

DS_ID:25457

FS_ID:52842

EP_NO: N/A

Repair Type: Non-Urgent

Crossing Status: Found

UCIP Comments: 7/14/2016 Repair in progress--According to LMA representative, Dario Dominguez, owner has repaired levee slope and compacted material per CVFPB's requirement (compaction tests have been performed). Need to confirm compaction tests were provided to DWR Inspector-Herman Phillips. (DWR UCIP - omagana)6/14/2016 Levee disturbed without prior authorization, it appears that the pipe owner did not notify CVFPB of the construction activity. Crossing was added to UCIP database. Spoke to Herman Phillips (DWR Levee Inspector) regarding unauthorized pipe installation along LS toe of U2. The LS toe of U2 (approximately 731 feet) was disturbed. DWR Inspector mentioned that Dario Dominguez with Madera County Flood Control, LMA representative, has sent the pipe owner notification of unauthorized excavation to replace existing pipe along U2 LS toe, dated May 5, 2016. After reviewing the timed aerial photographs (aerials) under Google Earth a new discovery was made regarding the extend of the area disturbed. Based on the aerials it appears that the new pipe system goes through U1 and U2 levees, across Ash Slough, and along LS toe of U2. The pipe through the levees and channel appears to tie into the work currently being done on the LS toe of U2. Both U1 and U2 levees appear to have been disturbed during 2014-2015. The aerials show that the crossing was not present in the aerial dated 4/5/2014, crossing was not present during the 2014 UCIP Inspection dated 5/6/2014, and the crossing was present in the aerial dated 3/18/2015. According to DWR Inspector, Dario Dominguez with Madera County Flood Control was notified of the additional unauthorized encroachment issue (unauthorized work completed in 2014-2015 on both levees and the channel) that could be related to the trench work being completed by Mr. Sterling. (DWR UCIP - omagana)

FIELD_STRUCT_DESC: *ILLEGAL ENCROACHMENT* 10-inch to 12-inch irrigation siphon pipe of an unknown material through both levees and across the channel, at an unknown depth. The pipe starts on the landside (LS) toe of Unit 1 (U1) and continues across the channel and through the Unit 2 (U2) levee. The pipe then runs along the LS toe of U2 for approximately 731 feet. The pipe along the LS toe of U2 starts at 37.059237, -120.406025, and ends at 37.058462, -120.40791. This crossing was field discovered.

FS Date: 7/14/2016

Photo 2 of 3 : UCIP_FA_2019_52842_75227.jpg



View of cut on LS slope of U2 at LM 1.49 (most downstream end of the open trench, photo 1 of 2).

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.62	Rating **	M	Issue No.	50 (cont)	
LM End	1.62	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			37.059585 °	37.059585 °	
				-120.405867 °	-120.405867 °	
DWR ID	25457					
Comment Code						
Inspector Comment						
DS_ID:25457 FS_ID:52842 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 7/14/2016 Repair in progress--According to LMA representative, Dario Dominguez, owner has repaired levee slope and compacted material per CVFPB's requirement (compaction tests have been performed). Need to confirm compaction tests were provided to DWR Inspector-Herman Phillips. (DWR UCIP - omagana)6/14/2016 Levee disturbed without prior authorization, it appears that the pipe owner did not notify CVFPB of the construction activity. Crossing was added to UCIP database. Spoke to Herman Phillips (DWR Levee Inspector) regarding unauthorized pipe installation along LS toe of U2. The LS toe of U2 (approximately 731 feet) was disturbed. DWR Inspector mentioned that Dario Dominguez with Madera County Flood Control, LMA representative, has sent the pipe owner notification of unauthorized excavation to replace existing pipe along U2 LS toe, dated May 5, 2016. After reviewing the timed aerial photographs (aerials) under Google Earth a new discovery was made regarding the extend of the area distrubed. Based on the aerials it appears that the new pipe system goes through U1 and U2 levees, across Ash Slough, and along LS toe of U2. The pipe through the levees and channel appears to tie into the work currently being done on the LS toe of U2. Both U1 and U2 levees appear to have been disturbed during 2014-2015. The aerials show that the crossing was not present in the aerial dated 4/5/2014, crossing was not present during the 2014 UCIP Inspection dated 5/6/2014, and the crossing was present in the aerial dated 3/18/2015. According to DWR Inspector, Dario Dominguez with Madera County Flood Control was notified of the additional unauthorized encroachment issue (unauthorized work completed in 2014-2015 on both levees and the channel) that could be related to the trench work being completed by Mr. Sterling. (DWR UCIP - omagana) FIELD_STRUCT_DESC: *ILLEGAL ENCROACHMENT* 10-inch to 12-inch irrigation siphon pipe of an unknown material through both levees and across the channel, at an unknown depth. The pipe starts on the landside (LS) toe of Unit 1 (U1) and continues across the channel and through the Unit 2 (U2) levee. The pipe then runs along the LS toe of U2 for approximately 731 feet. The pipe along the LS toe of U2 starts at 37.059237, -120.406025, and ends at 37.058462, -120.40791. This crossing was field discovered. FS Date: 7/14/2016						

Photo 3 of 3 : UCIP_FA_2019_52842_75224.jpg



Close-up view of cut on LS slope at U2 LM 1.49 (the most downstream end of open trench, photo 2 of 2)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.62	Rating **	M	Issue No.	41
LM End	1.62	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.059571 °	37.059571 °
				-120.405870 °	-120.405870 °
DWR ID	DWR_NA0011_02_s_2019_41				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : FA_2019_NA0011_143_41_20190912_00028.jpg



Prunings for a burn pile left on waterside shoulder and slope of levee.
(Spring 2019)

LM Start	1.65	Rating **	M	Issue No.	26
LM End	1.93	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.059893 °	37.062857 °
				-120.405511 °	-120.402136 °
DWR ID	DWR_NA0011_02_s_2019_26				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

No Photos

LM Start	2.00	Rating **	U	Issue No.	24
LM End	2.00	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.063642 °	37.063642 °
				-120.401434 °	-120.401434 °
DWR ID	DWR_NA0011_02_f_2017_24				
Comment Code					
PR : Prunings					
Inspector Comment					
Large pruning/burn pile should be located away from levee toe.					

Photo 1 of 2 : FA_2019_NA0011_143_24_20191008_00051.jpg



View of prunings and trash piled along the landside levee toe. (Fall 2019)

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	2.00	Rating **	U	Issue No.	24 (cont)	
LM End	2.00	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			37.063642 °		37.063642 °
				-120.401434 °		-120.401434 °
DWR ID	DWR_NA0011_02_f_2017_24					
Comment Code						
PR : Prunings						
Inspector Comment						
Large pruning/burn pile should be located away from levee toe.						

Photo 2 of 2 : FA_2019_NA0011_143_24_20190912_00016.jpg



Remove pruning pile to allow inspection and access to landside levee slope and toe.

LM Start	2.02	Rating **	M	Issue No.	51
LM End	2.02	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			37.063982 °	37.063982 °
				-120.401165 °	-120.401165 °
DWR ID	25045				
Comment Code					
Inspector Comment					
DS_ID:25045					
FS_ID:52844					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: 05/06/2014 Need to contact owner to determine additional information about crossing and potential appurtenances. (DWR UCIP - O. Magana)					
FIELD_STRUCT_DESC: *ABANDONED* 36-inch pipe of an unknown material or purpose through the levee, at an unknown depth. The pipe is filled with concrete. This crossing was field discovered.					
FS Date: 5/6/2014					

Photo 1 of 3 : UCIP_FA_2019_52844_71815.jpg



Standpipes visible on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	2.02	Rating **	M	Issue No.	51 (cont)	
LM End	2.02	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			37.063982 °	37.063982 °	
				-120.401165 °	-120.401165 °	
DWR ID	25045					
Comment Code						
Inspector Comment						
DS_ID:25045 FS_ID:52844 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 05/06/2014 Need to contact owner to determine additional information about crossing and potential appurtenances. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: *ABANDONED* 36-inch pipe of an unknown material or purpose through the levee, at an unknown depth. The pipe is filled with concrete. This crossing was field discovered. FS Date: 5/6/2014						

Photo 2 of 3 : UCIP_FA_2019_52844_71820.jpg



36-inch pipe full of concrete debris located on waterward side.

LM Start	2.02	Rating **	M	Issue No.	51 (cont)
LM End	2.02	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2019_52844_71819.jpg



View of waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	2.03	Rating **	M	Issue No.	52
LM End	2.03	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			37.064087°	37.064087°
				-120.401194°	-120.401194°
DWR ID	25044				
Comment Code					
Inspector Comment					
DS_ID:25044					
FS_ID:52845					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: 05/06/2014 Need to contact owner to determine status. (DWR UCIP - O. Magana)					
FIELD_STRUCT_DESC: 10-inch pipes located on waterside (WS). Unsure if these pipes go through the levee. These pipes were field discovered.					
FS Date: 5/6/2014					

Photo 1 of 3 : UCIP_FA_2019_52845_71809.jpg



Tall concrete standpipe visible on waterward side.

LM Start	2.03	Rating **	M	Issue No.	52 (cont)
LM End	2.03	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2019_52845_71808.jpg



Concrete standpipes visible on waterward side--dense vegetation on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	2.03	Rating **	M	Issue No.	52 (cont)
LM End	2.03	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			37.064087°	37.064087°
				-120.401194°	-120.401194°
DWR ID	25044				
Comment Code					
Inspector Comment					
DS_ID:25044 FS_ID:52845 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/06/2014 Need to contact owner to determine status. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 10-inch pipes located on waterside (WS). Unsure if these pipes go through the levee. These pipes were field discovered. FS Date: 5/6/2014					

Photo 3 of 3 : UCIP_FA_2019_52845_71807.jpg



Inside view of 10-inch concrete standpipe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2019 Levee Inspection Results

Madera County FCWCA

Waterway			Bank	Unit Miles
Unit No. 03 Berenda Slough			Right	1.51
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	5/9/2019 - 5/9/2019		10/2/2019 - 10/2/2019	
DWR Inspector	Corey Fujitani		Corey Fujitani	
Accompanied By	Dario Dominguez Madera County			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.00	Rating **	M	Issue No.	36	
LM End	0.00	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			36.996593 °	36.996593 °	
				-120.373636 °	-120.373636 °	
DWR ID	21516					
Comment Code						
Inspector Comment						
DS_ID:21516 FS_ID:52829 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/06/2014 Unable to confirm if crossing is still being used. Need to contact owner to determine status of crossing. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 18-inch steel irrigation discharge pipe through the levee, at an unknown depth. Slant pump on the waterside (WS) slope. The levee log indicates that the abandonment of the Chowchilla Canal Siphon was backfilled through the levee section. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 5/6/2014						

LM Start	0.00	Rating **	M	Issue No.	36 (cont)
LM End	0.00	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2019_52829_64476.jpg



View of landward side.

Photo 2 of 3 : UCIP_FA_2019_52829_64475.jpg



Close up of concrete standpipe and multiple positive closure devices.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.00	Rating **	M	Issue No.	36 (cont)	
LM End	0.00	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DRAFT DWR UCIP Field Study			36.996593 °		36.996593 °
				-120.373636 °		-120.373636 °
DWR ID	21516					
Comment Code						
Inspector Comment						
DS_ID:21516 FS_ID:52829 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/06/2014 Unable to confirm if crossing is still being used. Need to contact owner to determine status of crossing. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 18-inch steel irrigation discharge pipe through the levee, at an unknown depth. Slant pump on the waterside (WS) slope. The levee log indicates that the abandonment of the Chowchilla Canal Siphon was backfilled through the levee section. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 5/6/2014						

Photo 3 of 3 : UCIP_FA_2019_52829_64474.jpg



Canal located on landward side.

LM Start	0.04	Rating **	U	Issue No.	19
LM End	1.51	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.996543 °	36.996602 °
				-120.373043 °	-120.346627 °
DWR ID	DWR_NA0011_03_s_2019_19				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
Keep the crown roadway free of vegetation.					

Photo 1 of 2 : FA_2019_NA0011_144_19_20191009_00024.jpg



View along levee crown looking upstream. (Fall 2019)

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Madera County FCWCA

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.05	Rating **	M	Issue No.	35
LM End	0.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.996468 °	36.996468 °
				-120.372902 °	-120.372902 °
DWR ID	DWR_NA0011_03_f_2012_35				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					
Tree drags against vehicles as they pass by. Remove overhanging tree limbs.					

No Photos

LM Start	0.05	Rating **	M	Issue No.	28
LM End	0.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.996442 °	36.996442 °
				-120.372848 °	-120.372848 °
DWR ID	DWR_NA0011_03_f_2014_28				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the dead tree from the landside slope.					

No Photos

LM Start	0.06	Rating **	M	Issue No.	18
LM End	0.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.996378 °	36.996378 °
				-120.372738 °	-120.372738 °
DWR ID	DWR_NA0011_03_f_2014_18				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Trim tree to five feet above the ground on the landside slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.08	Rating **	M	Issue No.	32
LM End	1.51	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			36.996264 °	36.996613 °
				-120.372350 °	-120.346570 °
DWR ID	DWR_NA0011_03_s_2014_32				
Comment Code					
C3 : Add appropriate gravel or road base. Grade and compact.					
Inspector Comment					
Regrade the crown for proper drainage and add more rock to crown.					

Photo 1 of 1 : FA_2019_NA0011_144_32_20190912_00017.jpg



Looking downstream at levee crown. (Spring 2018)

LM Start	0.08	Rating **	U	Issue No.	20
LM End	0.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.996204 °	36.996201 °
				-120.372352 °	-120.372345 °
DWR ID	DWR_NA0011_03_s_2012_20				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove the prunings from the landside slope.					

Photo 1 of 1 : FA_2019_NA0011_144_20_20190912_00016.jpg



Looking at prunings on landward slope. (Spring 2018)

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.10	Rating **	M	Issue No.	37
LM End	0.10	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			36.996177°	36.996177°
				-120.371967°	-120.371967°
DWR ID	21517				
Comment Code					
Inspector Comment					
DS_ID:21517 FS_ID:52832 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/06/2014 Need to contact owner to determine status of crossing. Unable to determine if crossing is in use. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 7.3 feet below the crown. Headwall and wing wall on each end. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 5/6/2014					

LM Start	0.10	Rating **	M	Issue No.	37 (cont)
LM End	0.10	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2019_52832_69689.jpg



View of waterward side.

Photo 2 of 3 : UCIP_FA_2019_52832_69687.jpg



Debris screen visible on waterward headwall.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.10	Rating **	M	Issue No.	37 (cont)	
LM End	0.10	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DRAFT DWR UCIP Field Study			36.996177°		36.996177°
				-120.371967°		-120.371967°
DWR ID	21517					
Comment Code						
Inspector Comment						
DS_ID:21517 FS_ID:52832 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/06/2014 Need to contact owner to determine status of crossing. Unable to determine if crossing is in use. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 7.3 feet below the crown. Headwall and wing wall on each end. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 5/6/2014						

Photo 3 of 3 : UCIP_FA_2019_52832_69688.jpg



View of landward side.

LM Start	0.40	Rating **	U	Issue No.	6
LM End	1.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.996208 °	36.996607 °
				-120.366550 °	-120.346568 °
DWR ID	DWR_NA0011_03_f_2016_6				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
LMA should install rodent bait stations placed along the landside slope and/or shoulder at from LM 0.40 to LM 1.51. Unable to see the levee slopes during Spring 2019 inspection however did observe rodents running across the roadway.					

Photo 1 of 6 : FA_2019_NA0011_144_6_20190912_00003.jpg



Looking at rodent hole on landward slope. (Spring 2018)

* Location
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

** Rating
 A : Acceptable
 M : Minimally Acceptable
 U : Unacceptable
 N : Not Inspected/Rated
 C : Corrected
 A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.40	Rating **	U	Issue No.	6 (cont)	
LM End	1.51	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Animal Control			36.996208 °		36.996607 °
				-120.366550 °		-120.346568 °
DWR ID	DWR_NA0011_03_f_2016_6					
Comment Code						
A1 : Exterminate rodents and backfill and compact or grout burrows.						
Inspector Comment						
LMA should install rodent bait stations placed along the landside slope and/or shoulder at from LM 0.40 to LM 1.51. Unable to see the levee slopes during Spring 2019 inspection however did observe rodents running across the roadway.						

LM Start	0.40	Rating **	U	Issue No.	6 (cont)
LM End	1.51	Issue Type +	Ma	Location *	LS

Photo 2 of 6 : FA_2019_NA0011_144_6_20190912_00004.jpg



Looking at typical rodent holes within this section (Spring 2018)

Photo 3 of 6 : FA_2019_NA0011_144_6_20190912_00005.jpg



Looking at rodent hole on landward slope. (Spring 2018)

LM Start	0.40	Rating **	U	Issue No.	6 (cont)
LM End	1.51	Issue Type +	Ma	Location *	LS

Photo 4 of 6 : FA_2019_NA0011_144_6_20190912_00006.jpg



Continued rodent activity.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Madera County FCWCA

Berenda Slough Unit 3 landside shoulder and slope.

View of dead tree on the landside slope. (Fall 2018)

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Madera County FCWCA

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.04	Rating **	U	Issue No.	11
LM End	1.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.996613 °	36.996610 °
				-120.355055 °	-120.354995 °
DWR ID	DWR_NA0011_03_s_2012_11				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Remove nut tree from the slope.					

Photo 1 of 1 : FA_2019_NA0011_144_11_20190912_00011.jpg



Walnut trees blocking the view of the landside levee section.

LM Start	1.07	Rating **	M	Issue No.	15
LM End	1.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.996618 °	36.996608 °
				-120.354538 °	-120.353682 °
DWR ID	DWR_NA0011_03_s_2012_15				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.09	Rating **	U	Issue No.	14
LM End	1.09	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.996618 °	36.996618 °
				-120.354307 °	-120.354307 °
DWR ID	DWR_NA0011_03_s_2017_14				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Branches hanging over crown are beginning to obstruct access.					

Photo 1 of 1 : FA_2019_NA0011_144_14_20190912_00012.jpg



Looking at untrimmed tree on waterward shoulder. (Spring 2018)

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.24	Rating **	M	Issue No.	4
LM End	1.25	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			36.996582°	36.996582°
				-120.351482°	-120.351258°
DWR ID	DWR_NA0011_03_f_2016_4				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Repair the slope instability and damaged shoulder at this location.					

Photo 1 of 1 : FA_2019_NA0011_144_4_20190912_00001.jpg



Berenda Slough looking back upstream waterside at the shoulder and slope.

LM Start	1.24	Rating **	U	Issue No.	17
LM End	1.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.996632 °	36.996600 °
				-120.351463 °	-120.350539 °
DWR ID	DWR_NA0011_03_s_2012_17				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Remove nut trees from the landside slope.					

Photo 1 of 2 : FA_2019_NA0011_144_17_20190912_00013.jpg



Looking at cluster of walnut trees on landward slope. (Spring 2018)

LM Start	1.24	Rating **	U	Issue No.	17 (cont)
LM End	1.29	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA_2019_NA0011_144_17_20190912_00014.jpg



Looking upstream from landside slope tree has blocked view of the slope and shoulder.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2019 Levee Inspection Results

Madera County FCWCA

Waterway			Bank	Unit Miles
Unit No. 04 Berenda Slough			Left	2.28
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	5/9/2019 - 5/9/2019		10/2/2019 - 10/2/2019	
DWR Inspector	Corey Fujitani		Corey Fujitani	
Accompanied By	Dario Dominguez Madera County			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.01	Rating **	U	Issue No.	8
LM End	1.49	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.995503 °	36.995580 °
				-120.373417 °	-120.346588 °
DWR ID	DWR_NA0011_04_s_2017_8				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
Keep the crown roadway free of vegetation.					

Photo 1 of 2 : FA_2019_NA0011_145_8_20191009_00033.jpg



Looking downstream from LM 1.49 at vegetation on levee crown. (Spring 2019)

LM Start	0.01	Rating **	U	Issue No.	8 (cont)
LM End	1.49	Issue Type +	Ma	Location *	CR

Photo 2 of 2 : FA_2019_NA0011_145_8_20190912_00007.jpg



Looking downstream from LM 1.49 at vegetation on levee crown. (Spring 2019)

LM Start	0.02	Rating **	U	Issue No.	25
LM End	1.60	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.995504°	36.996217°
				-120.373234°	-120.344760°
DWR ID	DWR_NA0011_04_f_2019_25				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA_2019_NA0011_145_25_20191009_00034.jpg



Looking downstream along the waterside slope. (Fall 2019)

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.02	Rating **	U	Issue No.	5
LM End	1.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.995504 °	36.995582 °
				-120.373233 °	-120.346586 °
DWR ID	DWR_NA0011_04_f_2017_5				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 2 : FA_2019_NA0011_145_5_20191009_00035.jpg



View of vegetation along the landside slope looking downstream. (Fall 2019)

LM Start	0.02	Rating **	U	Issue No.	5 (cont)
LM End	1.49	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA_2019_NA0011_145_5_20190912_00005.jpg



View of wild growth on landside slope and shoulder. (Fall 2018)

LM Start	0.02	Rating **	U	Issue No.	3
LM End	0.97	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			36.995506 °	36.995550 °
				-120.373233 °	-120.355935 °
DWR ID	DWR_NA0011_04_f_2016_3				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
The slope in this area has been damaged by farm equipment.					

Photo 1 of 1 : FA_2019_NA0011_145_3_20190912_00001.jpg



Berenda Slough Unit 4 Looking upstream from levee mile 0.14-0.97.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Madera County FCWCA

No Photos

Looking at large rodent hole on landward slope. (Spring 2018)

Berenda Slough looking upstream from the levee mile 0.14.

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.22	Rating **	M	Issue No.	26
LM End	0.22	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		36.995533 °	36.995533 °	
			-120.369593 °	-120.369593 °	
DWR ID	DWR_NA0011_04_f_2019_26				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.28	Rating **	M	Issue No.	21
LM End	0.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		36.995564 °	36.995564 °	
			-120.368540 °	-120.368540 °	
DWR ID	DWR_NA0011_04_f_2012_21				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the discarded tree and branches from the levee slope.					

No Photos

LM Start	0.42	Rating **	M	Issue No.	9
LM End	1.50	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Crown Surface / Depressions / Rutting		36.995572 °	36.995613 °	
			-120.365980 °	-120.346358 °	
DWR ID	DWR_NA0011_04_s_2017_9				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.44	Rating **	U	Issue No.	22
LM End	0.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			36.995560 °	36.995560 °
				-120.365614 °	-120.365614 °
DWR ID	DWR_NA0011_04_s_2018_22				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Someone dug a large hole on the landward slope next to the concrete riser. There is no visible pipe at the site.					

Photo 1 of 3 : FA_2019_NA0011_145_22_20190912_00021.jpg



Looking west at large hole next concrete riser (no pipe) on landward slope. (Spring 2018)

LM Start	0.44	Rating **	U	Issue No.	22 (cont)
LM End	0.44	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : FA_2019_NA0011_145_22_20190912_00022.jpg



Looking upstream at large hole on landward slope. (Spring 2018)

LM Start	0.44	Rating **	U	Issue No.	22 (cont)
LM End	0.44	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : FA_2019_NA0011_145_22_20190912_00023.jpg



Looking east at large hole next to riser (no pipe) on landward slope. (Spring 2018)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.47	Rating **	M	Issue No.	16
LM End	0.47	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.995603 °	36.995603 °
				-120.364978 °	-120.364978 °
DWR ID	DWR_NA0011_04_s_2014_16				
Comment Code					
TR : Tree or limb					
Inspector Comment					
This dead tree on the waterward slope should be removed from the levee section.					

Photo 1 of 1 : FA_2019_NA0011_145_16_20190912_00017.jpg



Tree on WS shoulder.

LM Start	0.54	Rating **	M	Issue No.	33
LM End	0.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.995565 °	36.995553 °
				-120.363779 °	-120.363245 °
DWR ID	DWR_NA0011_04_f_2018_33				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	0.62	Rating **	M	Issue No.	23
LM End	0.62	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.995568 °	36.995568 °
				-120.362355 °	-120.362355 °
DWR ID	DWR_NA0011_04_s_2019_23				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Madera County FCWCA

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.94	Rating **	M	Issue No.	13
LM End	0.94	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.995571 °	36.995571 °
				-120.356609 °	-120.356609 °
DWR ID	DWR_NA0011_04_f_2017_13				
Comment Code					
RA : Ramp					
Inspector Comment					
There is no permit for the ramp on the landside slope.					

Photo 1 of 2 : FA_2019_NA0011_145_13_20190912_00013.jpg



Unpermitted ramp on LS slope.

LM Start	0.94	Rating **	M	Issue No.	13 (cont)
LM End	0.94	Issue Type +	En	Location *	LS

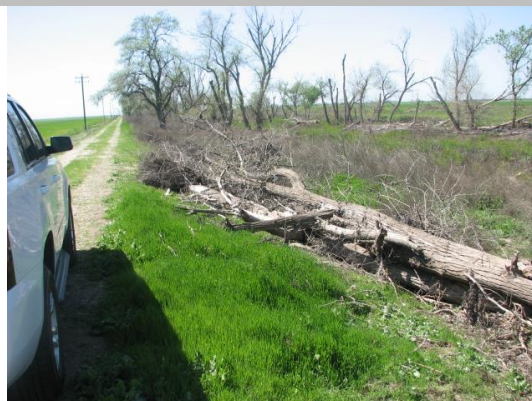
Photo 2 of 2 : FA_2019_NA0011_145_13_20190912_00014.jpg



Restore levee slope.

LM Start	0.94	Rating **	M	Issue No.	14
LM End	0.94	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.995573 °	36.995573 °
				-120.356601 °	-120.356601 °
DWR ID	DWR_NA0011_04_f_2017_14				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the downed tree from the waterside slope.					

Photo 1 of 1 : FA_2019_NA0011_145_14_20190912_00015.jpg



Looking upstream at fallen tree on waterward slope. (Spring 2018)

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.01	Rating **	U	Issue No.	12
LM End	1.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.995537 °	36.995537 °
				-120.355261 °	-120.355261 °
DWR ID	DWR_NA0011_04_f_2017_12				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Branches from waterside tree are blocking visibility of waterside slope and crown. Levee crown is nearly impassible.					

Photo 1 of 1 : FA_2019_NA0011_145_12_20190912_00012.jpg



Trim trees to at least 5' above levee slope and 12' above levee crown to allow inspection and access.

LM Start	1.13	Rating **	A/W	Issue No.	2	
LM End		Issue Type +	Ob	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			36.995580	°	°
				-120.353080	°	°
DWR ID	12-2					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:28						
Site Designation:12-2						
Repair Type: Seepage						
Rating:						
Field Date:						
Notes:						

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.19	Rating **	M	Issue No.	10
LM End	1.19	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.995566°	36.995566°
				-120.352038°	-120.352038°
DWR ID	DWR_NA0011_04_f_2017_10				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

Photo 1 of 1 : FA_2019_NA0011_145_10_20190912_00009.jpg



Looking upstream at tree on waterward slope. (Spring 2018)

LM Start	1.36	Rating **	M	Issue No.	18
LM End	1.36	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.995593 °	36.995593 °
				-120.348926 °	-120.348926 °
DWR ID	DWR_NA0011_04_s_2018_18				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.39	Rating **	M	Issue No.	7
LM End	1.39	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.995576 °	36.995576 °
				-120.348348 °	-120.348348 °
DWR ID	DWR_NA0011_04_f_2017_7				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

Madera County FCWCA

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable N : Not Inspected/Rated	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable A/W : Acceptable but Monitor & Maintain	En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.50	Rating **	U	Issue No.	30 (cont)
LM End	2.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.995590 °	37.003740 °
				-120.346406 °	-120.336877 °
DWR ID	DWR_NA0011_04_f_2014_30				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Bait stations are needed in the rodent infested area on the waterside slope and toe.					

Photo 2 of 2 : FA_2019_NA0011_145_30_20190912_00026.jpg



View of rodent holes on the waterside slope.

LM Start	1.50	Rating **	U	Issue No.	60	
LM End	1.50	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			36.995597 °	36.995597 °	
				-120.346418 °	-120.346418 °	
DWR ID	25469					
Comment Code						
Inspector Comment						
DS_ID:25469 FS_ID:53154 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 10/31/2018 Same as last inspection with the exception of the size of the sink hole. Sink hole on LS slope has increased. Levee at this crossing is composed of highly erodible material. Need to coordinate with the pipe owner to determine repair status. Crossing remains Urgent due to the large sink hole present on the LS. (O. Magana - DWR UCIP) 07/14/2016 New entry added--pipe failure. Sink hole present on LS slope. Concrete headwall collapse visible on LS slope. Pipe buried on both WS and LS. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 24-inch (estimate measurement based on flap gate frame) gravity drainage pipe of an unknown material through the levee, approximately 5 feet below the crown. Concrete headwall on the landside (LS). Corrugated metal pipe (CMP) at the LS toe. Sluice gate on the waterside (WS). This crossing was field discovered. FS Date: 10/31/2018 10:19:00 AM						

Photo 1 of 3 : UCIP_FA_2019_53154_75760.jpg



View of LS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.50	Rating **	U	Issue No.	60 (cont)	
LM End	1.50	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			36.995597°	36.995597°	
				-120.346418°	-120.346418°	
DWR ID	25469					
Comment Code						
Inspector Comment						
DS_ID:25469 FS_ID:53154 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 10/31/2018 Same as last inspection with the exception of the size of the sink hole. Sink hole on LS slope has increased. Levee at this crossing is composed of highly erodible material. Need to coordinate with the pipe owner to determine repair status. Crossing remains Urgent due to the large sink hole present on the LS. (O. Magana - DWR UCIP) 07/14/2016 New entry added--pipe failure. Sink hole present on LS slope. Concrete headwall collapse visible on LS slope. Pipe buried on both WS and LS. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 24-inch (estimate measurement based on flap gate frame) gravity drainage pipe of an unknown material through the levee, approximately 5 feet below the crown. Concrete headwall on the landside (LS). Corrugated metal pipe (CMP) at the LS toe. Sluice gate on the waterside (WS). This crossing was field discovered. FS Date: 10/31/2018 10:19:00 AM						

LM Start	1.50	Rating **	U	Issue No.	60 (cont)
LM End	1.50	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2019_53154_75761.jpg



Sink hole and concrete headwall damage is visible on LS.

Photo 3 of 3 : UCIP_FA_2019_53154_75762.jpg



Sink hole located immediately above concrete headwall visible on LS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.51	Rating **	M	Issue No.	56
LM End	2.28	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.995615 °	37.003441 °
				-120.346296 °	-121.337349 °
DWR ID	DWR_NA0011_04_s_2012_56				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : FA_2019_NA0011_145_56_20190912_00029.jpg



Fence within the 10-foot of levee toe. This encroachment was recorded on 11-01-2012. Photo was taken 4-24-2014.

LM Start	1.60	Rating **	M	Issue No.	17
LM End	1.60	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.996212 °	36.996212 °
				-120.344756 °	-120.344756 °
DWR ID	DWR_NA0011_04_f_2018_17				
Comment Code					
FE : Fence					
Inspector Comment					
Gate with combo lock. No permit associated with gate.					

Photo 1 of 1 : FA_2019_NA0011_145_17_20190912_00018.jpg



Gate blocking access to levee. (Fall 2018)

LM Start	1.60	Rating **	M	Issue No.	24
LM End	2.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.996217 °	37.002347 °
				-120.344760 °	-120.338538 °
DWR ID	DWR_NA0011_04_f_2019_24				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.63	Rating **	M	Issue No.	59
LM End	1.67	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.996573 °	36.997002 °
				-120.344428 °	-120.343977 °
DWR ID	DWR_NA0011_04_s_2012_59				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Exterminate rodents in this area.					

No Photos

LM Start	1.80	Rating **	M	Issue No.	29
LM End	1.80	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.998449 °	36.998449 °
				-120.342516 °	-120.342516 °
DWR ID	DWR_NA0011_04_f_2018_29				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	2.22	Rating **	M	Issue No.	27
LM End	2.22	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.003160 °	37.003160 °
				-120.337747 °	-120.337747 °
DWR ID	DWR_NA0011_04_f_2018_27				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Trim tree back away from crown and at least 5 feet above the levee slope.					

Photo 1 of 1 : FA_2019_NA0011_145_27_20190912_00024.jpg



Trim tree on waterside shoulder. (Fall 2018)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2019 Levee Inspection Results

Madera County FCWCA

Waterway			Bank	Unit Miles
Unit No. 05 Fresno River			Right	9.10
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	5/10/2019 - 5/10/2019		10/3/2019 - 10/3/2019	
DWR Inspector	Corey Fujitani		Corey Fujitani	
Accompanied By	Dario Dominguez Madera County			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Madera County FCWCA

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	0.01	Rating **	U	Issue No.	7 (cont)	
LM End	4.06	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			36.978438 °	36.968155 °	
				-120.368405 °	-120.300968 °	
DWR ID	DWR_NA0011_05_f_2019_7					
Comment Code						
V1 : Control annual grass and weeds on the levee slopes and easements.						
Inspector Comment						

Photo 2 of 2 : FA_2019_NA0011_146_7_20191009_00035.jpg



Looking downstream along the landside slope at LM 4.06. (Fall 2019)

LM Start	0.01	Rating **	U	Issue No.	8
LM End	4.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.978438 °	36.968155 °
				-120.368405 °	-120.300968 °
DWR ID	DWR_NA0011_05_f_2019_8				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 2 : FA_2019_NA0011_146_8_20191009_00032.jpg



Looking downstream along waterside slope. (Fall 2019)

LM Start	0.01	Rating **	U	Issue No.	8 (cont)
LM End	4.06	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2019_NA0011_146_8_20191009_00033.jpg



View of vegetation on waterside slope. (Fall 2019)

*** Location**
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

**** Rating**
 A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	0.04	Rating **	M	Issue No.	15
LM End	4.05	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.978504 °	36.968175 °
				-120.367871 °	-120.300996 °
DWR ID	DWR_NA0011_05_f_2017_15				
Comment Code					
FE : Fence					
Inspector Comment					

No Photos

LM Start	0.04	Rating **	U	Issue No.	42
LM End	4.06	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.978511 °	36.968173 °
				-120.367758 °	-120.300901 °
DWR ID	DWR_NA0011_05_s_2019_42				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

Photo 1 of 2 : FA_2019_NA0011_146_42_20191009_00038.jpg



Looking downstream along levee crown. (Fall 2019)

LM Start	0.04	Rating **	U	Issue No.	42 (cont)
LM End	4.06	Issue Type +	Ma	Location *	CR

Photo 2 of 2 : FA_2019_NA0011_146_42_20190912_00019.jpg



View of levee crown looking downstream. (Spring 2019)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	0.18	Rating **	M	Issue No.	52	
LM End	0.18	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			36.978036 °	36.978036 °	
				-120.365246 °	-120.365246 °	
DWR ID	21520					
Comment Code						
Inspector Comment						
DS_ID:21520 FS_ID:52833 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/06/2014 Need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 10.8 feet below the crown. Headwall and wing wall on each end. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 5/6/2014						

Photo 1 of 3 : UCIP_FA_2019_52833_64567.jpg



View of waterward side.

LM Start	0.18	Rating **	M	Issue No.	52 (cont)
LM End	0.18	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2019_52833_64566.jpg



View of flap gate and concrete headwall located on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	0.18	Rating **	M	Issue No.	52 (cont)	
LM End	0.18	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DRAFT DWR UCIP Field Study			36.978036 °		36.978036 °
				-120.365246 °		-120.365246 °
DWR ID	21520					
Comment Code						
Inspector Comment						
DS_ID:21520 FS_ID:52833 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/06/2014 Need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 10.8 feet below the crown. Headwall and wing wall on each end. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 5/6/2014						

Photo 3 of 3 : UCIP_FA_2019_52833_64565.jpg



View of landward side.

LM Start	1.34	Rating **	A/W	Issue No.	4	
LM End		Issue Type +	Ob	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			36.967860 °		°
				-120.350030 °		°
DWR ID	27-4					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:34						
Site Designation:27-4						
Repair Type: Seepage						
Rating:						
Field Date:						
Notes:						

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Madera County FCWCA

Looking west at garbage in channel. (Spring 2018)

Pruning pile left on the waterside shoulder. (Spring 2019)

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	4.17	Rating **	A/W	Issue No.	5	
LM End	4.20	Issue Type +	Ob	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			36.968250°	36.968260°	
				-120.298970°	-120.298310°	
DWR ID	27-102					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:30						
Site Designation:27-102						
Repair Type: Seepage						
Rating:						
Field Date:						
Notes:						

No Photos

LM Start	4.20	Rating **	C	Issue No.	21
LM End	4.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.968135°	36.968202°
				-120.298355°	-120.296210°
DWR ID	DWR_NA0011_05_s_2012_21				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

*** Location**
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

**** Rating**
 A : Acceptable
 M : Minimally Acceptable
 U : Unacceptable
 N : Not Inspected/Rated
 C : Corrected
 A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	4.46	Rating **	C	Issue No.	23
LM End	5.22	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		36.968230 °	36.968247 °	
			-120.293665 °	-120.279957 °	
DWR ID	DWR_NA0011_05_s_2012_23				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	4.76	Rating **	A/W	Issue No.	6
LM End	4.81	Issue Type +	Ob	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		36.968310 °	36.968310 °	
			-120.288190 °	-120.287260 °	
DWR ID	27-100				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:29					
Site Designation:27-100					
Repair Type: Seepage					
Rating:					
Field Date:					
Notes:					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	5.36	Rating **	C	Issue No.	39
LM End	5.36	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.968208 °	36.968208 °
				-120.277399 °	-120.277399 °
DWR ID	DWR_NA0011_05_f_2018_39				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	5.56	Rating **	M	Issue No.	18
LM End	5.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			36.968210 °	36.968210 °
				-120.273729 °	-120.273729 °
DWR ID	DWR_NA0011_05_f_2017_18				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Repair damage from vehicle traffic on slope and shoulder.					

Photo 1 of 2 : FA_2019_NA0011_146_18_20191009_00039.jpg



Damage to landside shoulder and slope looking upstream. (Fall 2019)

LM Start	5.56	Rating **	M	Issue No.	18 (cont)
LM End	5.56	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA_2019_NA0011_146_18_20190912_00007.jpg



Repair damage from vehicle traffic on slope and shoulder. (Fall 2017)

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	5.67	Rating **	M	Issue No.	38
LM End	5.67	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			36.968204°	36.968204°
				-120.271707°	-120.271707°
DWR ID	DWR_NA0011_05_f_2018_38				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 2 : FA_2019_NA0011_146_38_20191009_00040.jpg



Erosion on waterside slope. (Fall 2019)

LM Start	5.67	Rating **	M	Issue No.	38 (cont)
LM End	5.67	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2019_NA0011_146_38_20190912_00018.jpg



Finger erosion on waterside slope. (Fall 2018)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	5.73	Rating **	A/W	Issue No.	9
LM End	5.75	Issue Type +	Ob	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		36.968270°	36.968270°	
			-120.270750°	-120.270320°	
DWR ID	27-106				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:31					
Site Designation:27-106					
Repair Type: Seepage					
Rating:					
Field Date:					
Notes:					

No Photos

LM Start	5.90	Rating **	M	Issue No.	17
LM End	5.90	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		36.968205°	36.968205°	
			-120.267562°	-120.267562°	
DWR ID	DWR_NA0011_05_f_2019_17				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 2 : FA_2019_NA0011_146_17_20191009_00041.jpg



View of landside slope erosion looking upstream. (Fall 2019)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	5.90	Rating **	M	Issue No.	17 (cont)	
LM End	5.90	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			36.968205 °		36.968205 °
				-120.267562 °		-120.267562 °
DWR ID	DWR_NA0011_05_f_2019_17					
Comment Code						
E2 : Schedule repair of erosion site prior to the next inspection.						
Inspector Comment						

Photo 2 of 2 : FA_2019_NA0011_146_17_20191009_00042.jpg



View of erosion in landside slope. (Fall 2019)

LM Start	6.09	Rating **	C	Issue No.	31
LM End	6.09	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.968178 °	36.968178 °
				-120.264122 °	-120.264122 °
DWR ID	DWR_NA0011_05_f_2015_31				
Comment Code					
PR : Prunings					
Inspector Comment					
The prunings here need to be burned or removed from levee WS slope.					

No Photos

LM Start	6.16	Rating **	M	Issue No.	20
LM End	6.26	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.968198 °	36.968323 °
				-120.263013 °	-120.261192 °
DWR ID	DWR_NA0011_05_f_2019_20				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	6.30	Rating **	M	Issue No.	46
LM End	6.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			36.968399 °	36.968399 °
				-120.260433 °	-120.260433 °
DWR ID	DWR_NA0011_05_s_2019_46				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Rills on waterside slope.					

Photo 1 of 1 : FA_2019_NA0011_146_46_20190912_00021.jpg



Rills observed on waterside slope. (Spring 2019)

LM Start	6.52	Rating **	A/W	Issue No.	37
LM End	6.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			36.968575 °	36.968575 °
				-120.256450 °	-120.256450 °
DWR ID	DWR_NA0011_05_f_2018_37				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

Photo 1 of 1 : FA_2019_NA0011_146_37_20190912_00017.jpg



Rill erosion on landside slope. (Fall 2018)

LM Start	6.57	Rating **	U	Issue No.	29
LM End	6.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.968477 °	36.968477 °
				-120.255557 °	-120.255557 °
DWR ID	DWR_NA0011_05_f_2019_29				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Tree should be trimmed above the levee crown and 5 feet above the slope.					

Photo 1 of 1 : FA_2019_NA0011_146_29_20191009_00043.jpg



View of tree growing on landside slope looking upstream. (Fall 2019)

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Madera County FCWCA

No Photos

View of waterside slope looking upstream. (Fall 2019)

View of vegetation along the landside slope looking upstream. (Fall 2019)

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	6.63	Rating **	M	Issue No.	22
LM End	7.56	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			36.968568 °	36.969552 °
				-120.254542 °	-120.237855 °
DWR ID	DWR_NA0011_05_s_2017_22				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					
Repair rutting and add appropriate gravel.					

No Photos

LM Start	6.75	Rating **	M	Issue No.	28
LM End	6.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.969200 °	36.969507 °
				-120.252462 °	-120.248893 °
DWR ID	DWR_NA0011_05_f_2016_28				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Exterminate the rodents in the area listed and place bait stations along the shoulder and/or slope.					

Photo 1 of 1 : FA_2019_NA0011_146_28_20190912_00013.jpg



Fresno River landside levee slope levee mile 6.75-6.95.

*** Location**
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

**** Rating**
 A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	6.87	Rating **	M	Issue No.	53	
LM End	6.87	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			36.969520 °	36.969520 °	
				-120.250311 °	-120.250311 °	
DWR ID	21527					
Comment Code						
Inspector Comment						
DS_ID:21527						
FS_ID:52859						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: 05/06/2014 Need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Slide gate buried on landward side. Recommend clearing sediment deposit on landward side. (DWR UCIP - O. Magana)						
FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 9.4 feet below the crown. Headwall and wing wall on each end. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2005].						
FS Date: 5/6/2014						

Photo 1 of 3 : UCIP_FA_2019_52859_69715.jpg



View of waterward side.

LM Start	6.87	Rating **	M	Issue No.	53 (cont)
LM End	6.87	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2019_52859_69714.jpg



Concrete headwall covered by dense vegetation.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	6.87	Rating **	M	Issue No.	53 (cont)	
LM End	6.87	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			36.969520 °	36.969520 °	
				-120.250311 °	-120.250311 °	
DWR ID	21527					
Comment Code						
Inspector Comment						
DS_ID:21527 FS_ID:52859 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/06/2014 Need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Slide gate buried on landward side. Recommend clearing sediment deposit on landward side. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 9.4 feet below the crown. Headwall and wing wall on each end. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 5/6/2014						

Photo 3 of 3 : UCIP_FA_2019_52859_69713.jpg



View of landward side.

LM Start	6.98	Rating **	C	Issue No.	49
LM End	7.52	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.969531 °	36.969546 °
				-120.248361 °	-120.238528 °
DWR ID	DWR_NA0011_05_s_2019_49				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	7.21	Rating **	M	Issue No.	32
LM End	7.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.969539 °	36.969539 °
				-120.244142 °	-120.244142 °
DWR ID	DWR_NA0011_05_f_2018_32				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	7.32	Rating **	M	Issue No.	36
LM End	7.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.969525 °	36.969567 °
				-120.242203 °	-120.238567 °
DWR ID	DWR_NA0011_05_f_2019_36				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	7.63	Rating **	M	Issue No.	30
LM End	7.63	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.969550 °	36.969550 °
				-120.236670 °	-120.236670 °
DWR ID	DWR_NA0011_05_f_2018_30				
Comment Code					
PR : Prunings					
Inspector Comment					
Prunings left on landside slope.					

Photo 1 of 2 : FA_2019_NA0011_146_30_20190912_00014.jpg



Pruning pile starting to accumulate on landside slope. (Spring 2019)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	7.63	Rating **	M	Issue No.	30 (cont)	
LM End	7.63	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			36.969550 °		36.969550 °
				-120.236670 °		-120.236670 °
DWR ID	DWR_NA0011_05_f_2018_30					
Comment Code						
PR : Prunings						
Inspector Comment						
Prunings left on landside slope.						

Photo 2 of 2 : FA_2019_NA0011_146_30_20190912_00015.jpg



Pruning piles on landside slope. (Fall 2018)

LM Start	7.66	Rating **	U	Issue No.	24
LM End	7.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.969606 °	36.969606 °
				-120.236091 °	-120.236091 °
DWR ID	DWR_NA0011_05_f_2018_24				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent burrows and associated erosion due to rodent activity.					

Photo 1 of 1 : FA_2019_NA0011_146_24_20190912_00009.jpg



Rodent activity on landside slope. (Fall 2018)

LM Start	7.71	Rating **	M	Issue No.	40
LM End	8.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.969893 °	36.972327 °
				-120.235178 °	-120.220862 °
DWR ID	DWR_NA0011_05_f_2019_40				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	7.92	Rating **	M	Issue No.	16
LM End	7.92	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			36.971637 °	36.971637 °
				-120.232120 °	-120.232120 °
DWR ID	DWR_NA0011_05_f_2018_16				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

LM Start	7.99	Rating **	U	Issue No.	12
LM End	8.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.972121 °	36.972186 °
				-120.230994 °	-120.230772 °
DWR ID	DWR_NA0011_05_f_2018_12				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Large rodent burrow observed in this section.					

Photo 1 of 1 : FA_2019_NA0011_146_12_20190912_00004.jpg



Rodent activity on landside slope. (Fall 2018)

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	8.09	Rating **	M	Issue No.	54	
LM End	8.09	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DRAFT DWR UCIP Field Study			36.972415 °		36.972415 °
				-120.229285 °		-120.229285 °
DWR ID	21528					
Comment Code						
Inspector Comment						
DS_ID:21528 FS_ID:52863 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/06/2014 Need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 8.3 feet below the crown. Headwall and wing wall on each end. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 5/6/2014						

Photo 1 of 3 : UCIP_FA_2019_52863_69719.jpg



View of waterward side.

LM Start	8.09	Rating **	M	Issue No.	54 (cont)
LM End	8.09	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2019_52863_69721.jpg



Concrete headwall visible on waterward side and covered by dense vegetation.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	8.09	Rating **	M	Issue No.	54 (cont)	
LM End	8.09	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DRAFT DWR UCIP Field Study			36.972415 °		36.972415 °
				-120.229285 °		-120.229285 °
DWR ID	21528					
Comment Code						
Inspector Comment						
DS_ID:21528 FS_ID:52863 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/06/2014 Need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 8.3 feet below the crown. Headwall and wing wall on each end. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 5/6/2014						

Photo 3 of 3 : UCIP_FA_2019_52863_69720.jpg



Enter photo 5 description or comment here.

LM Start	8.36	Rating **	U	Issue No.	35
LM End	8.41	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.972937 °	36.972947 °
				-120.224457 °	-120.223607 °
DWR ID	DWR_NA0011_05_f_2015_35				
Comment Code					
PR : Prunings					
Inspector Comment					
Move burnpile away from levee as it provides cover for burrowing rodents.					

Photo 1 of 1 : FA_2019_NA0011_146_35_20190912_00016.jpg



Burn pile on LS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	8.40	Rating **	U	Issue No.	51
LM End	8.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.972953 °	36.972953 °
				-120.223839 °	-120.223839 °
DWR ID	DWR_NA0011_05_s_2019_51				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 2 : FA_2019_NA0011_146_51_20191009_00046.jpg



Several rodent holes observed at this location. (Fall 2019)

LM Start	8.40	Rating **	U	Issue No.	51 (cont)
LM End	8.40	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA_2019_NA0011_146_51_20191009_00047.jpg



View of rodent burrow in landside slope. (Fall 2019)

LM Start	8.53	Rating **	M	Issue No.	25
LM End	8.53	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.972643 °	36.972643 °
				-120.221488 °	-120.221488 °
DWR ID	DWR_NA0011_05_f_2017_25				
Comment Code					
PI : Pipe					
Inspector Comment					
Possible sinkhole 10 feet from landside levee toe. 6 ft long by 1-2 ft wide by 5.5 ft deep. 55gal drum halves were placed in hole for safety. Met with Rick Cosyns (MID 559-232-0227) on site. Speculated that it was likely an underground pipe with collapsed backfill.					

Photo 1 of 2 : FA_2019_NA0011_146_25_20190912_00010.jpg



Possible sinkhole 10 feet from landside levee toe. 6 ft long by 1-2 ft wide by 5.5 ft deep. White 55gal drum halves were placed in hole for safety.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	8.53	Rating **	M	Issue No.	25 (cont)	
LM End	8.53	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			36.972643 °		36.972643 °
				-120.221488 °		-120.221488 °
DWR ID	DWR_NA0011_05_f_2017_25					
Comment Code						
PI : Pipe						
Inspector Comment						
Possible sinkhole 10 feet from landside levee toe. 6 ft long by 1-2 ft wide by 5.5 ft deep. 55gal drum halves were placed in hole for safety. Met with Rick Cosyns (MID 559-232-0227) on site. Speculated that it was likely an underground pipe with collapsed backfill.						

Photo 2 of 2 : FA_2019_NA0011_146_25_20190912_00011.jpg



Possible sinkhole 10 feet from landside levee toe. 6 ft long by 1-2 ft wide by 5.5 ft deep. White 55gal drum halves were placed in hole for safety.

LM Start	8.53	Rating **	M	Issue No.	26
LM End	8.53	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.972616 °	36.972606 °
				-120.221415 °	-120.221389 °
DWR ID	DWR_NA0011_05_f_2017_26				
Comment Code					
EQ : Equipment					
Inspector Comment					
Concrete pipes at landward toe.					

Photo 1 of 1 : FA_2019_NA0011_146_26_20190912_00012.jpg



Looking upstream at concrete pipes stored at landward toe. (Spring 2018)

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	8.56	Rating **	M	Issue No.	11
LM End	8.56	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.972384 °	36.972384 °
				-120.220907 °	-120.220907 °
DWR ID	DWR_NA0011_05_f_2018_11				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Cactus planted on landside toe.					

Photo 1 of 1 : FA_2019_NA0011_146_11_20190912_00003.jpg



Cactus on landside toe. (Fall 2018)

LM Start	8.57	Rating **	U	Issue No.	10
LM End	8.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.972355 °	36.972355 °
				-120.220878 °	-120.220878 °
DWR ID	DWR_NA0011_05_f_2018_10				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Cactus growing on waterside slope.					

Photo 1 of 2 : FA_2019_NA0011_146_10_20190912_00001.jpg



Cactus growing on waterside shoulder. (Spring 2019)

LM Start	8.57	Rating **	U	Issue No.	10 (cont)
LM End	8.57	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2019_NA0011_146_10_20190912_00002.jpg



Cactus on waterside slope. (Fall 2018)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	8.77	Rating **	M	Issue No.	41
LM End	8.88	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.972228 °	36.972653 °
				-120.217422 °	-120.215403 °
DWR ID	DWR_NA0011_05_f_2019_41				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

*** Location**
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

**** Rating**
 A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2019 Levee Inspection Results

Madera County FCWCA

Waterway			Bank	Unit Miles
Unit No. 06 Fresno River			Left	9.03
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	5/10/2019 - 5/10/2019		10/3/2019 - 10/3/2019	
DWR Inspector	Corey Fujitani		Corey Fujitani	
Accompanied By	Dario Dominguez Madera County			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Madera County FCWCA



* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable N : Not Inspected/Rated	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable A/W : Acceptable but Monitor & Maintain	En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	0.01	Rating **	M	Issue No.	19
LM End	3.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.976937 °	36.967393 °
				-120.367308 °	-120.310025 °
DWR ID	DWR_NA0011_06_f_2016_19				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Exterminate rodents and backfill burrows.					

No Photos

LM Start	0.04	Rating **	M	Issue No.	13
LM End	0.93	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.976964 °	36.969726 °
				-120.366831 °	-120.354565 °
DWR ID	DWR_NA0011_06_f_2017_13				
Comment Code					
FE : Fence					
Inspector Comment					
Barbed wire fence along the landside toe.					

No Photos

LM Start	0.44	Rating **	U	Issue No.	20
LM End	0.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			36.975030 °	36.975014 °
				-120.360382 °	-120.360401 °
DWR ID	DWR_NA0011_06_f_2012_20				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
This erosion should be taken care of before it gets worse.					

Photo 1 of 1 : FA_2019_NA0011_147_20_20190912_00005.jpg



Looking downstream at the old erosion site landside slope.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	0.64	Rating **	A/W	Issue No.	8	
LM End	0.71	Issue Type +	Ob	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			36.972950 °	36.972240 °	
				-120.357890 °	-120.356830 °	
DWR ID	28-4					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:32						
Site Designation:28-4						
Repair Type: Seepage						
Rating:						
Field Date:						
Notes:						

No Photos

LM Start	0.99	Rating **	U	Issue No.	85
LM End	1.07	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.968930 °	36.967985 °
				-120.354292 °	-120.353510 °
DWR ID	DWR_NA0011_06_s_2019_85				
Comment Code					
MA : Material					
Inspector Comment					
Soil material piled up on levee toe should be pushed back 10 feet from slope.					

Photo 1 of 1 : FA_2019_NA0011_147_85_20190912_00028.jpg



View of soil encroachment piled along levee toe. (Spring 2019)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	1.08	Rating **	U	Issue No.	1
LM End	1.14	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.967781°	36.967395°
				-120.353321°	-120.352362°
DWR ID	DWR_NA0011_06_s_2012_1				
Comment Code					
DE : Debris					
Inspector Comment					
Large piles of broken up recycled sheet rock placed within 10-foot of the levee easement.					

Photo 1 of 2 : FA_2019_NA0011_147_1_20190912_00001.jpg



Looking upstream at tanks and sheet rock piles at landward toe. (Spring 2018)

LM Start	1.08	Rating **	U	Issue No.	1 (cont)
LM End	1.14	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA_2019_NA0011_147_1_20190912_00002.jpg



Recycle sheet rock piles within the landside easement.

LM Start	1.14	Rating **	U	Issue No.	39
LM End	1.17	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.967387°	36.967270°
				-120.352340°	-120.351902°
DWR ID	DWR_NA0011_06_s_2014_39				
Comment Code					
TA : Tank					
Inspector Comment					
Metal storage tanks are within the easement of the landward toe. Move them away from the easement.					

Photo 1 of 1 : FA_2019_NA0011_147_39_20190912_00015.jpg



Fresno River landside levee mile 1.16.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	1.14	Rating **	M	Issue No.	41
LM End	1.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			36.967387°	36.967207°
				-120.352332°	-120.351590°
DWR ID	DWR_NA0011_06_s_2013_41				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Repair the slope damaged by farm equipment.					

No Photos

LM Start	1.15	Rating **	M	Issue No.	18
LM End	3.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.967360 °	36.967393 °
				-120.352243 °	-120.310025 °
DWR ID	DWR_NA0011_06_f_2017_18				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	1.15	Rating **	U	Issue No.	17
LM End	1.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			36.967334°	36.967334°
				-120.352154°	-120.352154°
DWR ID	DWR_NA0011_06_f_2017_17				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Observed slump possibly exacerbated by rodent activity. 20' long x 8' high x 18" deep into levee slope.					

Photo 1 of 2 : FA_2019_NA0011_147_17_20190912_00003.jpg



Observed slump possibly exacerbated by rodent activity. 20' long x 8' high x 18" deep into levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	1.15	Rating **	U	Issue No.	17 (cont)	
LM End	1.15	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Slope Stability			36.967334 °	36.967334 °	
				-120.352154 °	-120.352154 °	
DWR ID	DWR_NA0011_06_f_2017_17					
Comment Code						
S1 : Repair slope instability.						
Inspector Comment						
Observed slump possibly exacerbated by rodent activity. 20' long x 8' high x 18" deep into levee slope.						

Photo 2 of 2 : FA_2019_NA0011_147_17_20190912_00004.jpg



Observed slump possibly exacerbated by rodent activity. 20' long x 8' high x 18" deep into levee slope.

LM Start	1.16	Rating **	A/W	Issue No.	9	
LM End		Issue Type +	Ob	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			36.967290 °		°
				-120.352020 °		°
DWR ID	28-2					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:27						
Site Designation:28-2						
Repair Type: Seepage						
Rating:						
Field Date:						
Notes:						

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	1.27	Rating **	M	Issue No.	14
LM End	6.56	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			36.967177 °	36.967992 °
				-120.350167 °	-120.254517 °
DWR ID	DWR_NA0011_06_s_2017_14				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					
Repair the crown roadway of ruts and depressions regrade where needed					

No Photos

LM Start	1.29	Rating **	A/W	Issue No.	10	
LM End		Issue Type +	Ob	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	2017 Storm Damage			36.967150°		°
				-120.349800°		°
DWR ID	DWR_NA0011_06_R_2012_01					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:33						
Site Designation:DWR_NA0011_06_R_2012_01						
Repair Type: Seepage						
Rating:						
Field Date:						
Notes:						

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	3.39	Rating **	M	Issue No.	24
LM End	3.39	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.967378 °	36.967378 °
				-120.311737 °	-120.311737 °
DWR ID	DWR_NA0011_06_f_2017_24				
Comment Code					
EQ : Equipment					
Inspector Comment					
Remove large pipe sections from toe of levee.					

Photo 1 of 1 : FA_2019_NA0011_147_24_20190912_00007.jpg



Pipe segments left at levee toe. (Fall 2018)

LM Start	3.47	Rating **	M	Issue No.	45
LM End	3.98	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.967393 °	36.967473 °
				-120.310278 °	-120.301192 °
DWR ID	DWR_NA0011_06_f_2019_45				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	3.49	Rating **	U	Issue No.	27
LM End	3.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			36.967393 °	36.967393 °
				-120.310025 °	-120.310025 °
DWR ID	DWR_NA0011_06_f_2017_27				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Repair damage at toe due to ag equipment activity between power pole and levee.					

Photo 1 of 1 : FA_2019_NA0011_147_27_20190912_00008.jpg



Ag activity has cut into landside toe. Activity should be stopped and levee slope repaired.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	3.99	Rating **	M	Issue No.	34
LM End	3.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			36.967457 °	36.967457 °
				-120.301031 °	-120.301031 °
DWR ID	DWR_NA0011_06_f_2017_34				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	3.99	Rating **	U	Issue No.	77
LM End	5.48	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.967439 °	36.967487 °
				-120.300974 °	-120.273999 °
DWR ID	DWR_NA0011_06_s_2019_77				
Comment Code					
CR : Crops					
Inspector Comment					
Landowner has planted corn along the landside toe.					

Photo 1 of 2 : FA_2019_NA0011_147_77_20191009_00050.jpg



Corn planted on the landside toe. (Fall 2019)

LM Start	3.99	Rating **	U	Issue No.	77 (cont)
LM End	5.48	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA_2019_NA0011_147_77_20190912_00026.jpg



Crops planted on the landside toe. (Spring 2019)

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	4.43	Rating **	M	Issue No.	40
LM End	4.96	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		36.967518°	36.967542°	
			-120.292980°	-120.283403°	
DWR ID	DWR_NA0011_06_f_2019_40				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	4.56	Rating **	M	Issue No.	65
LM End	4.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		36.967501°	36.967501°	
			-120.290581°	-120.290581°	
DWR ID	DWR_NA0011_06_f_2018_65				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	4.74	Rating **	M	Issue No.	78
LM End	4.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		36.967508°	36.967508°	
			-120.287446°	-120.287446°	
DWR ID	DWR_NA0011_06_s_2019_78				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	5.18	Rating **	M	Issue No.	63
LM End	5.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.967512 °	36.967512 °
				-120.279874 °	-120.279874 °
DWR ID	DWR_NA0011_06_f_2018_63				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	5.40	Rating **	M	Issue No.	35
LM End	5.96	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.967543 °	36.967493 °
				-120.275553 °	-120.265263 °
DWR ID	DWR_NA0011_06_f_2019_35				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	5.44	Rating **	U	Issue No.	53
LM End	5.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.967514 °	36.967514 °
				-120.274810 °	-120.274810 °
DWR ID	DWR_NA0011_06_s_2018_53				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Control rodents within this section.					

Photo 1 of 1 : FA_2019_NA0011_147_53_20190912_00022.jpg



Looking at typical rodent hole on landward slope. (Spring 2018)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	5.46	Rating **	M	Issue No.	28
LM End	5.96	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.967537 °	36.967493 °
				-120.274367 °	-120.265263 °
DWR ID	DWR_NA0011_06_f_2019_28				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

No Photos

LM Start	5.49	Rating **	M	Issue No.	30
LM End	5.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.967508 °	36.967493 °
				-120.273917 °	-120.265263 °
DWR ID	DWR_NA0011_06_f_2019_30				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	5.62	Rating **	M	Issue No.	37
LM End	5.96	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.967497 °	36.967498 °
				-120.271547 °	-120.265336 °
DWR ID	DWR_NA0011_06_f_2017_37				
Comment Code					
AT : Agricultural tilling					
Inspector Comment					
Repair damage at levee toe caused by ag equipment activity.					

Photo 1 of 1 : FA_2019_NA0011_147_37_20190912_00013.jpg



Agricultural equipment cutting into levee slope. (Fall 2018)

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	6.03	Rating **	M	Issue No.	60
LM End	6.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.967484 °	36.967482 °
				-120.264154 °	-120.263363 °
DWR ID	DWR_NA0011_06_f_2018_60				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	6.09	Rating **	U	Issue No.	38
LM End	6.13	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.967482 °	36.967511 °
				-120.262984 °	-120.262342 °
DWR ID	DWR_NA0011_06_f_2017_38				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove downed trees and associated debris pile from levee toe.					

Photo 1 of 1 : FA_2019_NA0011_147_38_20190912_00014.jpg



View of debris pile and pruning piles along landside toe. (Spring 2019)

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	6.17	Rating **	M	Issue No.	86
LM End	6.17	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			36.967568 °	36.967568 °
				-120.261594 °	-120.261594 °
DWR ID	21531				
Comment Code					
Inspector Comment					
DS_ID:21531 FS_ID:52854 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/06/2014 Need to contact owner. Recommend removing sediment built up on landward side. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 48-inch corrugated metal gravity drainage pipe through the levee, 11.5 feet below the crown. Slide gate on the waterside (WS) shoulder. Headwall and wing wall on each end. Flap gate on the WS end. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 5/6/2014					

Photo 1 of 3 : UCIP_FA_2019_52854_64570.jpg



View of waterward side.

LM Start	6.17	Rating **	M	Issue No.	86 (cont)
LM End	6.17	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2019_52854_64573.jpg



Flap gate, concrete headwall, and standpipe on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	6.17	Rating **	M	Issue No.	86 (cont)	
LM End	6.17	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			36.967568 °	36.967568 °	
				-120.261594 °	-120.261594 °	
DWR ID	21531					
Comment Code						
Inspector Comment						
DS_ID:21531						
FS_ID:52854						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: 05/06/2014 Need to contact owner. Recommend removing sediment built up on landward side. (DWR UCIP - O. Magana)						
FIELD_STRUCT_DESC: 48-inch corrugated metal gravity drainage pipe through the levee, 11.5 feet below the crown. Slide gate on the waterside (WS) shoulder. Headwall and wing wall on each end. Flap gate on the WS end. [Additional Reference(s): DWR Levee Log, 2005].						
FS Date: 5/6/2014						

Photo 3 of 3 : UCIP_FA_2019_52854_64572.jpg



Overview of channel at crossing.

LM Start	6.24	Rating **	M	Issue No.	26
LM End	7.90	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.967635 °	36.971235 °
				-120.260278 °	-120.231275 °
DWR ID	DWR_NA0011_06_f_2019_26				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	6.29	Rating **	M	Issue No.	58
LM End	6.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			36.967750 °	36.967750 °
				-120.259385 °	-120.259385 °
DWR ID	DWR_NA0011_06_f_2018_58				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 1 : FA_2019_NA0011_147_58_20190912_00024.jpg



Minor erosion on landside slope. (Fall 2018)

LM Start	6.51	Rating **	M	Issue No.	87	
LM End	6.51	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			36.967941 °	36.967941 °	
				-120.255467 °	-120.255467 °	
DWR ID	21532					
Comment Code						
Inspector Comment						
DS_ID:21532						
FS_ID:52855						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: 7/14/2016 Same as previous inspection. Need to coordinate with owner. Need permit number authorizing work. (DWR UCIP - omagana)5/06/2014 Need to contact owner. Crossing on landward side appears to be modified--no headwall found on landward end. (DWR UCIP - omagana)						
FIELD_STRUCT_DESC: 30-inch corrugated metal pipe (CMP) of an unknown purpose through the levee, 12 feet below the crown. Slide gate in a 5-foot CMP riser on the waterside (WS) shoulder. Headwall and wing wall on the WS end. Concrete headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 2005].						
FS Date: 7/14/2016						

Photo 1 of 3 : UCIP_FA_2019_52855_69722.jpg



View of WS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	6.51	Rating **	M	Issue No.	87 (cont)	
LM End	6.51	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			36.967941 °	36.967941 °	
				-120.255467 °	-120.255467 °	
DWR ID	21532					
Comment Code						
Inspector Comment						
DS_ID:21532						
FS_ID:52855						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: 7/14/2016 Same as previous inspection. Need to coordinate with owner. Need permit number authorizing work. (DWR UCIP - omagana)5/06/2014 Need to contact owner. Crossing on landward side appears to be modified--no headwall found on landward end. (DWR UCIP - omagana)						
FIELD_STRUCT_DESC: 30-inch corrugated metal pipe (CMP) of an unknown purpose through the levee, 12 feet below the crown. Slide gate in a 5-foot CMP riser on the waterside (WS) shoulder. Headwall and wing wall on the WS end. Concrete headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 2005].						
FS Date: 7/14/2016						

LM Start	6.51	Rating **	M	Issue No.	87 (cont)
LM End	6.51	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2019_52855_69724.jpg



View of LS.

Photo 3 of 3 : UCIP_FA_2019_52855_69723.jpg



Additional structures found on LS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	6.74	Rating **	M	Issue No.	42
LM End	6.74	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.968710 °	36.968710 °
				-120.251439 °	-120.251439 °
DWR ID	DWR_NA0011_06_f_2017_42				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove collected wood debris from waterside shoulder.					

No Photos

LM Start	6.96	Rating **	M	Issue No.	88
LM End	6.96	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			36.968786 °	36.968786 °
				-120.247473 °	-120.247473 °
DWR ID	21587				
Comment Code					
Inspector Comment					
DS_ID:21587 FS_ID:52860 EP_NO: 13837 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/06/2014 Need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 12-inch reinforced concrete gravity irrigation pipe through the levee, 7.5 feet below the floodplain. The pipe extends to a 27-inch concrete standpipe in the overflow area and through the levee section to a 30-inch standpipe on the landside (LS). Positive closure device with walkway on the waterside (WS). (Plans to install a 20-inch concrete pipe through the levee for irrigation authorized under Permit No. 13837, 1984 - Averill Ranch). FS Date: 5/6/2014					

Photo 1 of 3 : UCIP_FA_2019_52860_64585.jpg



View of waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	6.96	Rating **	M	Issue No.	88 (cont)	
LM End	6.96	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			36.968786 °	36.968786 °	
				-120.247473 °	-120.247473 °	
DWR ID	21587					
Comment Code						
Inspector Comment						
DS_ID:21587 FS_ID:52860 EP_NO: 13837 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/06/2014 Need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 12-inch reinforced concrete gravity irrigation pipe through the levee, 7.5 feet below the floodplain. The pipe extends to a 27-inch concrete standpipe in the overflow area and through the levee section to a 30-inch standpipe on the landside (LS). Positive closure device with walkway on the waterside (WS). (Plans to install a 20-inch concrete pipe through the levee for irrigation authorized under Permit No. 13837, 1984 - Averill Ranch). FS Date: 5/6/2014						

LM Start	6.96	Rating **	M	Issue No.	88 (cont)
LM End	6.96	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2019_52860_64588.jpg



View of concrete standpipe and lid found on waterward shoulder.

Photo 3 of 3 : UCIP_FA_2019_52860_64584.jpg



Inside view of standpipe located on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	7.07	Rating **	M	Issue No.	43
LM End	7.07	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.968801 °	36.968801 °
				-120.245557 °	-120.245557 °
DWR ID	DWR_NA0011_06_f_2017_43				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove collected wood debris from waterside shoulder.					

No Photos

LM Start	7.42	Rating **	M	Issue No.	44
LM End	7.42	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.968851 °	36.968851 °
				-120.239236 °	-120.239236 °
DWR ID	DWR_NA0011_06_f_2017_44				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove collected wood debris from waterside shoulder.					

No Photos

*** Location**
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

**** Rating**
 A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	7.42	Rating **	M	Issue No.	89	
LM End	7.42	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			36.968853 °	36.968853 °	
				-120.239154 °	-120.239154 °	
DWR ID	21588					
Comment Code						
Inspector Comment						
DS_ID:21588 FS_ID:52861 EP_NO: 13856 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/06/2014 Need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 12-inch reinforced concrete gravity irrigation pipe through the levee, approximately 4 feet below the crown. The pipe extends from a 24-inch standpipe in the overflow area and through the levee section to a 36-inch standpipe on the landside (LS). Positive closure device with a walkway on the waterside (WS). (Plans to install a 20-inch concrete gravity irrigation pipe through the levee authorized under Permit No. 13856, 1984 - Averill Ranch). FS Date: 5/6/2014						

LM Start	7.42	Rating **	M	Issue No.	89 (cont)
LM End	7.42	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2019_52861_64590.jpg



View of waterward side.

Photo 2 of 3 : UCIP_FA_2019_52861_64589.jpg



Inside view of standpipe located on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	7.42	Rating **	M	Issue No.	89 (cont)	
LM End	7.42	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			36.968853 °	36.968853 °	
				-120.239154 °	-120.239154 °	
DWR ID	21588					
Comment Code						
Inspector Comment						
DS_ID:21588 FS_ID:52861 EP_NO: 13856 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/06/2014 Need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 12-inch reinforced concrete gravity irrigation pipe through the levee, approximately 4 feet below the crown. The pipe extends from a 24-inch standpipe in the overflow area and through the levee section to a 36-inch standpipe on the landside (LS). Positive closure device with a walkway on the waterside (WS). (Plans to install a 20-inch concrete gravity irrigation pipe through the levee authorized under Permit No. 13856, 1984 - Averill Ranch). FS Date: 5/6/2014						

Photo 3 of 3 : UCIP_FA_2019_52861_64594.jpg



View of waterward slope.

LM Start	7.49	Rating **	U	Issue No.	52
LM End	7.49	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.968886 °	36.968886 °
				-120.237967 °	-120.237967 °
DWR ID	DWR_NA0011_06_s_2018_52				
Comment Code					
PR : Prunings					
Inspector Comment					
Farmer is piling large tree limbs and branches at landward toe.					

Photo 1 of 2 : FA_2019_NA0011_147_52_20190912_00020.jpg



Looking upstream at prunings at landward toe. (Spring 2018)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	7.49	Rating **	U	Issue No.	52 (cont)	
LM End	7.49	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			36.968886 °		36.968886 °
				-120.237967 °		-120.237967 °
DWR ID	DWR_NA0011_06_s_2018_52					
Comment Code						
PR : Prunings						
Inspector Comment						
Farmer is piling large tree limbs and branches at landward toe.						

Photo 2 of 2 : FA_2019_NA0011_147_52_20190912_00021.jpg



Looking downstream at prunings at landward toe. (Spring 2018)

LM Start	7.61	Rating **	M	Issue No.	59
LM End	7.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			36.968965 °	36.968965 °
				-120.235734 °	-120.235734 °
DWR ID	DWR_NA0011_06_s_2019_59				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA_2019_NA0011_147_59_20190912_00025.jpg



View of vehicle tracks on landside slope. (Spring 2019)

LM Start	7.63	Rating **	M	Issue No.	16
LM End	7.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.969033 °	36.971620 °
				-120.235443 °	-120.230065 °
DWR ID	DWR_NA0011_06_f_2019_16				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	7.71	Rating **	M	Issue No.	47							
LM End	8.52	Issue Type +	Ma	Location *	LS							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Animal Control		36.969600°	36.971509°								
			-120.234229°	-120.220438°								
DWR ID	DWR_NA0011_06_f_2017_47											
Comment Code												
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.												
Inspector Comment												

Photo 1 of 1 : FA_2019_NA0011_147_47_20190912_00016.jpg



Bait traps should be maintained and rodent holes should be backfilled.

LM Start	7.71	Rating **	M	Issue No.	48							
LM End	9.02	Issue Type +	Ma	Location *	WS							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Animal Control		36.969600°	36.972656°								
			-120.234229°	-120.211787°								
DWR ID	DWR_NA0011_06_f_2017_48											
Comment Code												
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.												
Inspector Comment												

No Photos

LM Start	7.73	Rating **	M	Issue No.	21							
LM End	7.93	Issue Type +	En	Location *	LS							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Encroachments		36.969822°	36.971432°								
			-120.233897°	-120.230862°								
DWR ID	DWR_NA0011_06_f_2019_21											
Comment Code												
PR : Prunings												
Inspector Comment												
Burn piles left along landside toe should be removed.												

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	7.98	Rating **	M	Issue No.	33
LM End	7.98	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.971575 °	36.971575 °
				-120.230065 °	-120.230065 °
DWR ID	DWR_NA0011_06_s_2017_33				
Comment Code					
PR : Prunings					
Inspector Comment					
Burn or remove the brush pile from the waterside slope.					

No Photos

LM Start	8.00	Rating **	M	Issue No.	15
LM End	8.40	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.971673 °	36.972195 °
				-120.229700 °	-120.222448 °
DWR ID	DWR_NA0011_06_f_2019_15				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

Photo 1 of 1 : FA_2019_NA0011_147_15_20191009_00053.jpg



Vegetation growing along levee crown. (Fall 2019)

LM Start	8.03	Rating **	M	Issue No.	36
LM End	8.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.971582 °	36.971582 °
				-120.229180 °	-120.229180 °
DWR ID	DWR_NA0011_06_f_2015_36				
Comment Code					
TR : Tree or limb					
Inspector Comment					
The dead tree has been removed from blocking the roadway but still needs to be removed from the levee section.					

Photo 1 of 2 : FA_2019_NA0011_147_36_20190912_00011.jpg



Dead tree pushed upon the waterside slope and blocking the crown.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	8.03	Rating **	M	Issue No.	36 (cont)	
LM End	8.03	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Encroachments			36.971582 °	36.971582 °	
				-120.229180 °	-120.229180 °	
DWR ID	DWR_NA0011_06_f_2015_36					
Comment Code						
TR : Tree or limb						
Inspector Comment						
The dead tree has been removed from blocking the roadway but still needs to be removed from the levee section.						

Photo 2 of 2 : FA_2019_NA0011_147_36_20190912_00012.jpg



Fresno River levee mile 8.03 waterside slope and shoulder.

LM Start	8.09	Rating **	U	Issue No.	31
LM End	8.09	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.971692 °	36.971692 °
				-120.227957 °	-120.227957 °
DWR ID	DWR_NA0011_06_f_2015_31				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the dead tree off the slope and shoulder.					

Photo 1 of 1 : FA_2019_NA0011_147_31_20190912_00009.jpg



Fresno River levee mile 8.09.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	8.53	Rating **	M	Issue No.	90
LM End	8.53	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			36.971462 °	36.971462 °
				-120.220276 °	-120.220276 °
DWR ID	21534				
Comment Code					
Inspector Comment					
DS_ID:21534 FS_ID:52864 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/06/2014 Need to contact owner. Rip rap has been added around concrete headwall on waterward side--need to determine details for rip rap around structure. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 11 feet below the crown. Headwall and wing wall on each end. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 5/6/2014					

Photo 1 of 3 : UCIP_FA_2019_52864_64596.jpg



View of waterward side.

LM Start	8.53	Rating **	M	Issue No.	90 (cont)
LM End	8.53	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2019_52864_64599.jpg



Rip rap around concrete headwall located on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	8.53	Rating **	M	Issue No.	90 (cont)	
LM End	8.53	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			36.971462 °	36.971462 °	
				-120.220276 °	-120.220276 °	
DWR ID	21534					
Comment Code						
Inspector Comment						
DS_ID:21534 FS_ID:52864 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/06/2014 Need to contact owner. Rip rap has been added around concrete headwall on waterward side--need to determine details for rip rap around structure. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 11 feet below the crown. Headwall and wing wall on each end. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 5/6/2014						

Photo 3 of 3 : UCIP_FA_2019_52864_64598.jpg



Flap gate visible on waterward side.

LM Start	8.57	Rating **	M	Issue No.	11
LM End	8.57	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.971347°	36.971347°
				-120.219640°	-120.219640°
DWR ID	DWR_NA0011_06_f_2019_11				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : FA_2019_NA0011_147_11_20191009_00054.jpg



Pruning pile left on waterside shoulder and levee crown. (Fall 2019)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Madera County FCWCA

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	8.94	Rating **	U	Issue No.	91
LM End	8.94	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			36.972307 °	36.972307 °
				-120.213185 °	-120.213185 °
DWR ID	21530				
Comment Code					
Inspector Comment					
DS_ID:21530 FS_ID:53156 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 10/31/2018 Same as last inspection. Surface erosion present due to highly erodible soil. Deep hole behind concrete headwall presently unable to confirm if hole is associated with burrow activity or sink hole. Recommend internal inspection to determine pipe integrity through the levee. Crossing remains Urgent due to the unknown condition of the pipe integrity through the levee. (O. Magana - DWR UCIP) 07/14/2016 Surface erosion still present on LS shoulder. Unable to determine if surface erosion is due to internal pipe failure. Unable to locate concrete headwall on WS toe. Need to coordinate with owner to address erosion or potential pipe failure. Also recommend removing dense vegetation on WS. (DWR UCIP - omagana) 05/06/2014 Need to contact owner. Surface erosion on landward slope unable to determine if pipe failed or if rodent activity burrow hole has caused collapse on slope. Need to determine cause for erosion. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 10.2 feet below the crown. Headwall and wing wall on each end. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 10/31/2018 10:21:00 AM					

LM Start	8.94	Rating **	U	Issue No.	91 (cont)
LM End	8.94	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2019_53156_64605.jpg



View of WS.

Photo 2 of 3 : UCIP_FA_2019_53156_64604.jpg



Flap gate visible on WS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	8.94	Rating **	U	Issue No.	91 (cont)	
LM End	8.94	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			36.972307°	36.972307°	
				-120.213185°	-120.213185°	
DWR ID	21530					
Comment Code						
Inspector Comment						
DS_ID:21530 FS_ID:53156 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 10/31/2018 Same as last inspection. Surface erosion present due to highly erodible soil. Deep hole behind concrete headwall presently unable to confirm if hole is associated with burrow activity or sink hole. Recommend internal inspection to determine pipe integrity through the levee. Crossing remains Urgent due to the unknown condition of the pipe integrity through the levee. (O. Magana - DWR UCIP) 07/14/2016 Surface erosion still present on LS shoulder. Unable to determine if surface erosion is due to internal pipe failure. Unable to locate concrete headwall on WS toe. Need to coordinate with owner to address erosion or potential pipe failure. Also recommend removing dense vegetation on WS. (DWR UCIP - omagana) 05/06/2014 Need to contact owner. Surface erosion on landward slope unable to determine if pipe failed or if rodent activity burrow hole has caused collapse on slope. Need to determine cause for erosion. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 10.2 feet below the crown. Headwall and wing wall on each end. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 10/31/2018 10:21:00 AM						

Photo 3 of 3 : UCIP_FA_2019_53156_64603.jpg



View of LS.

LM Start	8.99	Rating **	U	Issue No.	51
LM End	8.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.972526 °	36.972526 °
				-120.212226 °	-120.212226 °
DWR ID	DWR_NA0011_06_s_2018_51				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Large rodent hole on landward slope.					

Photo 1 of 1 : FA_2019_NA0011_147_51_20190912_00019.jpg



Looking at typical rodent holes on landward slope. (Spring 2018)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	8.99	Rating **	U	Issue No.	22
LM End	8.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			36.972527 °	36.972527 °
				-120.212225 °	-120.212225 °
DWR ID	DWR_NA0011_06_s_2018_22				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Large finger erosion located on the landward slope.					

Photo 1 of 1 : FA_2019_NA0011_147_22_20190912_00006.jpg



Looking at finger erosion on landward slope. (Spring 2018)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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